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AN AMBIENT AIR QUALITY MODEL FOR
ASSESSMENT OF U.S. NAVAL AVIATION EMITTANTS

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NAVAL POSTGRADUATE SCHOOL
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) An air quality assessment model for U.S. Naval aircraft operations was developed from a generalized air quality assessment model for U.S. Air Force operations. Data were gathered by observation of operations at a Naval Air Station and these data used to conduct parametric studies to demonstrate the capabilities of the model. Modifications to the original model and these parametric studies are discussed.		

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I. INTRODUCTION

Public awareness of the environment and its quality, and governmental concern for the public health and welfare, have resulted in substantial environmental legislation in the last fifteen years. Federal air quality legislation culminated in 1970 with the creation of the Environmental Protection Agency (EPA). This agency was charged with developing and implementing national air quality standards. In 1971 air quality standards were prescribed for carbon monoxide, hydrocarbons, nitrogen dioxide, particulate matter, sulfur dioxide and photochemical oxidants [Ref. 1].

Both the Air Quality Act of 1967 and the Clean Air Act of 1970 refer to aircraft emissions as a possible source contributing to air pollution. In 1973 emission standards and test procedures were prescribed for commercial aircraft engines by the EPA [Ref. 2]. The EPA was concerned with pollution of the lower atmosphere by combustion products produced by commercial aircraft. The lower atmosphere was defined to extend from ground level to three thousand feet. Aircraft operations were defined in terms of a landing and take off operational cycle time-in-mode (LTO). Techniques were prescribed for measuring emissions during a simulated LTO, and engine specifications were defined by engine thrust category based on engine type and date of manufacture.

The goal of the EPA is the prevention of degradation of ambient air quality. An accurate quantification of emissions and their distribution throughout a local environment is required to assess the impact of any emission source on air quality. Once quantification is accomplished, the predicted ambient air quality can be compared to EPA requirements, and control procedures, if warranted, can be instituted by the operating agency/corporation. Mathematical models which simulate aircraft, air base and off air base activities provide the most flexible approach to quantifying emissions by source and to distributing these emissions over a grid of receptors for determination of ambient air quality..

There have been several major modeling efforts which are concerned with air quality as affected by aircraft operations. An early model was developed by Northern Research and Engineering Corporation (NREC) [Ref. 3]. This model provided the basis for development of the GEOMET Model [Ref. 4]. The GEOMET Model significantly modified and improved the NREC model and has been validated to some extent by measurements at the Washington National Airport. Military air operations may differ significantly from civilian air operations. To this end Argonne National Laboratory has been contracted by the USAF to develop a computer model based on the TRW "Air Quality Display Model" (AQDM) [Ref. 5] to estimate the concentrations of pollutants throughout a theoretical grid of receptors over a period of time. Under this contract Argonne has developed a preliminary version of "A Generalized Air Quality

Assessment Model for Air Force Operations"(AQAM), which brings together several models of different pollution sources and will serve as a device for assessing environmental air quality [Ref. 6].

The above models include emission and dispersion programs. There are some differences between the GEOMET and AQAM models. These differences are primarily in the areas of source representation and dispersion parameter specification.

Argonne's original contract included 12 specific tasks [Ref. 6]. Among them was a generalization and update modification of AQDM to obtain long-term average calculations which included military aircraft landings and take-offs as a source of emissions. In addition they were to develop a short-term model which performed hourly calculations and an inventory model which summarized annual emissions at an activity by source.

Standards proposed by the EPA for civil aviation do not apply to the military. However both the United States Air Force (USAF) and the United States Navy (USN) have, in a spirit of cooperation, proceeded to establish a data base for engine emissions [Ref. 7 and 8] and to specify LTO cycles consistent with their respective aircraft operations [Ref. 9 and 10].

The USAF data base and LTO cycles were incorporated into the air quality assessment model developed by Argonne. This model may be used to assess the impact on air quality of aircraft operations, to evaluate the effect of modifications

of aircraft operations on air quality, to determine the qualitative importance of aircraft, air base and environ (off air base) emission sources, to provide an estimate of local ambient air quality and to optimize the location of receptors for model verification.

"Liason between the Air Force Weapons Laboratory at Kirkland AFB, New Mexico, the Naval Air Propulsion Test Center (NAPTC) at Trenton, New Jersey, and the Naval Postgraduate School, Monterey, California" stimulated USN interest in the capabilities of the Argonne model. Accordingly a copy of both the Source Inventory and Short-term pollution models were obtained for evaluation and adaptation to USN operations [Ref. 10].

Substantial modifications were made by LCDR Keith I. Weal to adapt the Argonne model to USN aircraft operations [Ref. 10]. An LTO cycle is defined by the number of operational modes required to complete the cycle. The EPA utilizes ten, and the USAF eleven, operational modes to define an LTO cycle. These cycles are restricted to a vertical plane and do not define operational modes which are peculiar to the USN. Reference 10 defines a USN LTO cycle to consist of sixteen operational modes including such USN vagaries as "hot refueling" and Field Carrier Landing Practice (FCLP). Naval aircraft operations are dictated, even when based ashore, by the demanding (often unforgiving) shipboard environment. This shipboard environment requires substantial low altitude, high intensity operations to ensure

combat readiness. Therefore, LCDR Weal expanded the simulations of aircraft flight from two to three dimensions.

The present study completed adaptation of the Argonne model to Navy operations and used this version of the model to assess the relationship between aircraft operations, air base activity and off air base activity on ambient air quality at the Miramar Naval Air Station (NAS).

II. MODEL OVERVIEW

AQAM is composed of a Source Inventory Program, a Meteorological Data Program, a Short-term Emission Dispersion Program and a Long-term Emission Dispersion Program [Ref. 6]. The Source Inventory Program produces an annual source emission inventory and creates a data bank of temporal distribution arrays, source geometries, and source operational activity factors which are utilized by both the Long- and Short-term Programs. "The Short-term Program computes hourly average air pollutant concentrations using hourly average meteorological and emission data" [Ref. 6]. The Long-term Program computes monthly or annual average air pollutant concentrations utilizing emission data and historical meteorological records. The Meteorological Data Program is used only as input to the Long-term Program. Only the Source Inventory Program and the Short-term Emission Dispersion Program are being modified to provide an air quality assessment model for Naval air operations.

The Source Inventory Program computes the annual emissions of three categories of sources: aircraft, airbase but non aircraft, and environment (off air base). Each category is further divided by its geometric configuration into point sources, area sources and line sources [Ref. 10].

After the spatial configuration of the source is defined the emission plume is located in three-dimensional space and the mass emission rate of each pollutant emitted by the source is

determined from source activity data and appropriate emission factors [Ref. 6].

Aircraft sources which define the Navy LTO cycle are listed in Table I. Aircraft flight and taxi operations are simulated by finite line sources. Aircraft servicing, delays and pre-flight checks are simulated by area sources.

Aircraft sources include all emissions due directly to aircraft operations and servicing. The operational characteristics and servicing requirements of aircraft are dependent on aircraft type. Therefore, the emissions from aircraft operations and servicing are calculated from unique operational data which define various modes of operation and differentiate between aircraft types, taxi paths, parking areas, refueling procedures and runways.

Commercial and military air operations are always supported by an air base. Air base sources are defined as those sources producing emissions due directly to non-aircraft base activities and include all base support facilities, training facilities, service facilities, housing, vehicle parking areas and on-base roadways. Listed in Table II [Ref. 11] by geometric configuration are the non-aircraft sources encountered at most military air bases.

The environment which surrounds an air base must be accounted for in assessing air quality. "Environ" sources include all point, line and area sources which exist beyond the boundaries of the air base. Motor vehicle emissions are calculated from activity factors and may be specified as

TABLE I
NAVY LTO MODES

<u>MODE OF OPERATION</u>	<u>SOURCE MODEL</u>
Startup	Area
Taxi out	Line
Take off delay*	Area
Engine check	Area
Runway (take off) roll	Line
Climb (1+2)	Line
Approach IFR	Line
Approach VFR*	Line
Landing	Line
Taxi in	Line
(Hot + Pit) refuel delay*	Area
Hot refuel*	Area
Shutdown	Area
(Arrival + Departure) servicing	Area
Fuel venting	Area
Fill + spill	Area
TGO pattern*	Line
FCLP pattern*	Line
Pad work*	Line
Hover work*	Area
Autorotation pattern*	Line

*Modification to AQAM

TABLE II
AIR BASE NON-AIRCRAFT EMISSION SOURCES
(from Ref. 11)

<u>POINT</u>	<u>LINE</u>	<u>AREA</u>
Training Fires	Military Vehicle	Fuel, Working
Test Cells	Civilian Vehicle	Fuel, Spillage
Runup Stands	Other	Fuel Breathing
Power Plants		- Storage Tanks
Incinerators		- Tank Trucks
Large Storage Tanks		- Auto Parking
Other		Other Hydrocarbons
		Space Heating
		Off-Road Vehicles
		Military Vehicle
		Civilian Vehicle

area or line sources. All other environ sources (point, area and line) require data input of actual annual emissions by pollutant type in addition to spatial configuration data. Land use factors may be used for an order of magnitude estimate of environ area source emissions [Ref. 6].

Since aircraft, air base and environ emissions are inventoried by the Source Inventory Program, this program acts as a comprehensive model for calculation of annual emissions and provides a qualitative ranking of the importance of each source to air quality. The Source Inventory Program also produces the data bank containing source characteristics, annual emission rates and temporal distribution activity which is utilized by the Short-term Program.

The Short-term Program "receives the compiled annual results of the Source Inventory Program and calculates the dispersion of generated pollutants during a given hour, day and month utilizing average meteorological conditions for that hour" [Ref. 10].

Most emissions which have zero plume rise are classified as area or line sources. Those sources which exhibit plume rise are classified as point sources. Point source emissions require an input data set of physical and geometric parameters to define a plume in three-dimensional space with the exception of large storage tanks and run-up stands which are modeled as point sources without a plume rise. In general, point sources with vertical exhaust emissions are modeled by a Holland or Carson-Moses plume rise and those with horizontal

exhaust or evaporative transport are modeled without a plume rise.

Plume definition requires the input of many parameters. For example, point source data specified for test cells consist of the X,Y coordinates of the source, stack height, stack exit gas temperature, stack exit gas velocity, stack diameter, building height, and initial and vertical dispersion parameters. Line and area sources require less source physical definition since these sources are modeled without a plume rise. Line sources are specified by the length of the line and the activity which occurs on the line. Area sources are specified by the X,Y coordinates of the center of the area, the length of a side and the activity which occurs in the area. "Transport and dispersion of pollutant emissions are modeled using a steady state Gaussian plume formulation" in both the horizontal and vertical directions. Point sources are treated by a "virtual source technique," whereas line sources are treated by "analytical integration over the length of the line" and area sources are treated as "pseudo point sources located upwind of the actual area source" [Ref. 6]. The appropriate travel time or travel distance dispersion coefficients are used "to estimate lateral and vertical diffusion" and downwash rules are utilized to determine the effective emission height [Ref. 6]. The dispersal of pollutants over a grid of receptors allows comparison of ambient pollutant concentrations to air quality standards.

III. ADAPTATION REQUIREMENTS

Military aviation differs considerably from commercial aviation in landing and departure evolutions. In addition, USN flight evolutions differ from USAF flight evolutions due to "the dissimilar operational landing facilities used by the two services" and the different training requirements imposed by the dissimilar missions of the two services. "A USAF aircraft always utilizes a runway or other prepared surface for takeoffs and landings, as opposed to Naval aviation's use of the comparatively small aircraft carrier" [Ref. 10].

Both the EPA's and USAF's LTO cycles confine all flight operations in one vertical plane [Ref. 2, 8, and 9]. Reference 10 stipulates that flight operations occur in a vertical plane only when Instrument Flight Rules (IFR) are in effect and that flight operations are best simulated by three-dimensional models when Visual Flight Rules (VFR) are in effect. Figures 1 and 2 depict IFR and VFR aircraft operations.

The three-dimensional LTO cycle required to adequately simulate VFR approaches, touch and go (TGO) training cycles and Field Carrier Landing Practice (FCLP) is developed in Ref. 10. The development of the three-dimensional LTO cycle provides more realistic estimates of the total emissions due to aircraft operations. In addition, for Navy operations,

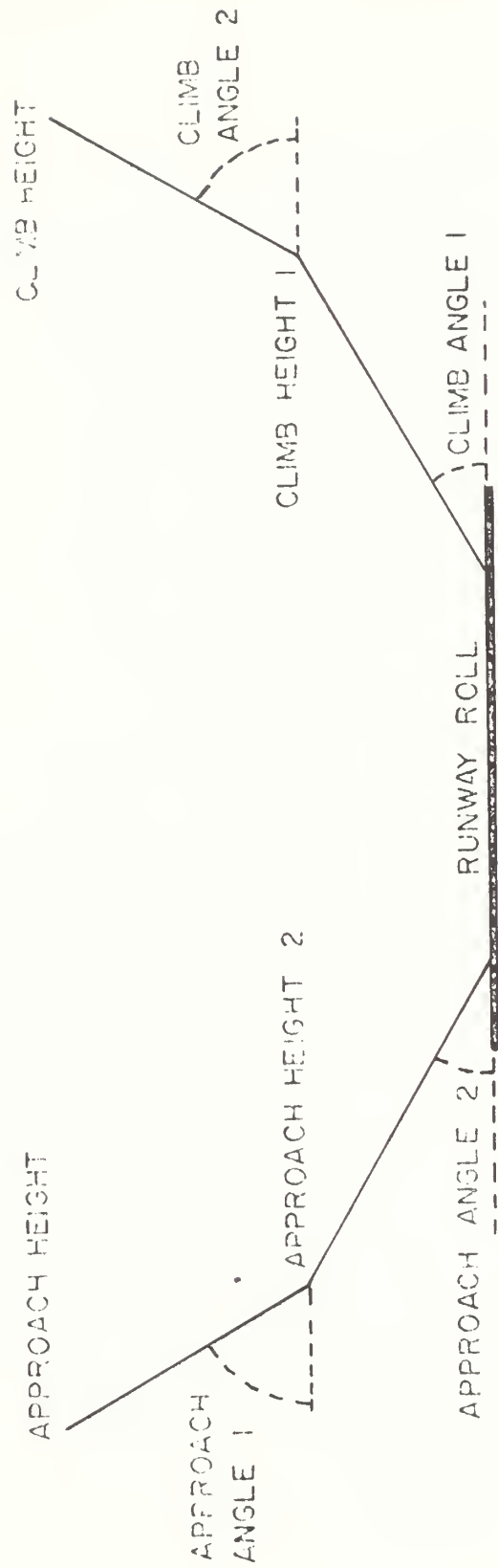


Figure 1. IFR APPROACH AND DEPARTURE

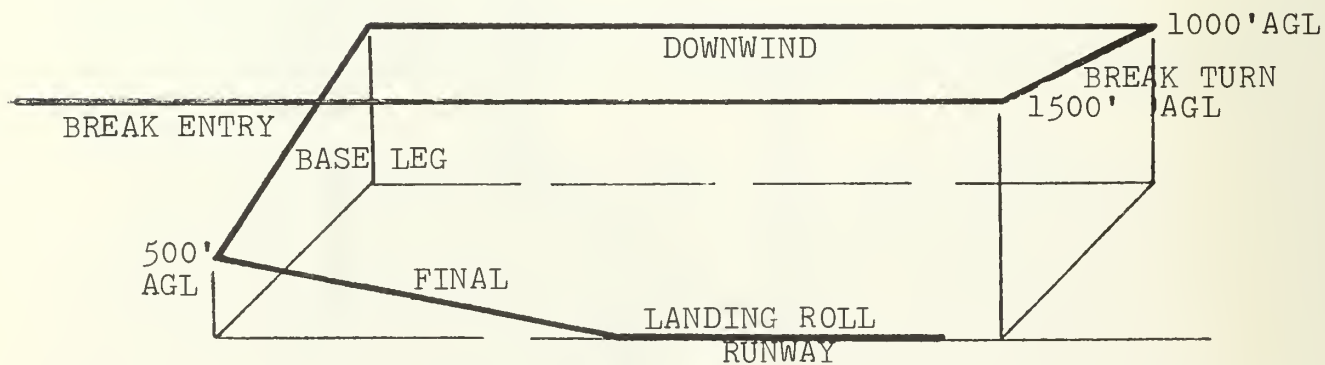
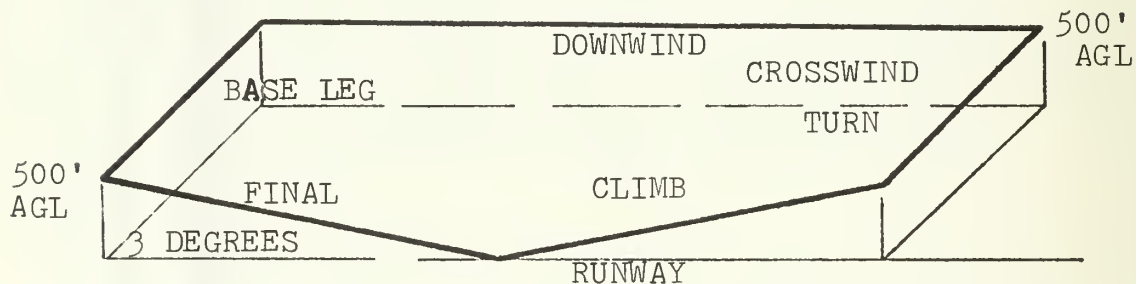
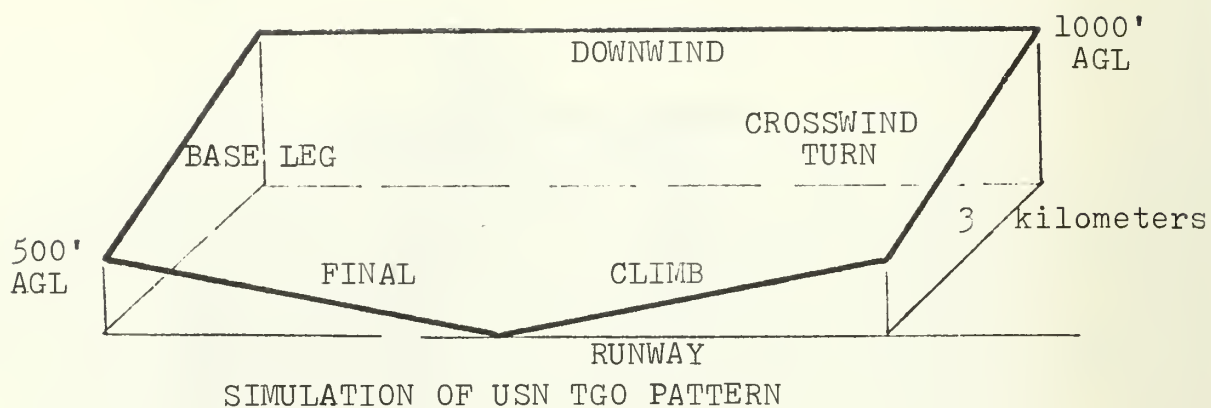


FIGURE 2. VFR FLIGHT SIMULATIONS

it was required to expand AQAM to include autorotations and the off runway environment so that rotary wing aircraft operations could be simulated.

Many Naval Air Stations possess a large complement of rotary wing aircraft. These aircraft operate almost exclusively below 3000 feet while in the vicinity of the airfield. Rotary wing aircraft utilize the VFR, TGO and FCLP patterns described in Ref. 10, but at lower altitudes and speeds. Helicopters also operate in specified areas away from the runway environment. These areas are normally called "pads," and the training which occurs is referred to as "pad work" and "hover work." Since training "pads" are often utilized for fifty per cent of any helicopter operational cycle, the inclusion of "pad work" and "hover work" in both the Source Inventory Program and Short-term Program was necessary.

AQAM limited aircraft refueling from fuel trucks to the aircraft parking areas. Reference 10 extended AQAM to include "the pressure refueling of aircraft with their engines running," termed "hot refueling." This original modification was not consistent with the model format nor did it account for delays in entering the hot refuel area. Also, another type of refueling exists, termed "pit refueling." The latter procedure involves pressure refueling an aircraft after it has shutdown in a specified area (the pit) other than its normal parking area. The aircraft is then towed to its parking area after refueling. Therefore, servicing and

shutdown emissions must be accounted for in the pit area and account must be made for aircraft delays in entering the pit area.

Another aspect of aircraft operations, military or commercial, which should be included in any LTO cycle is the take-off delay which occurs at the end of the runway. This delay can be quite extensive as it involves pre-flight checks, IFR clearance changes, safe separation of aircraft, and formation flight join-up. This delay was not modeled in AQAM as it was not part of the EPA and USAF LTO cycles.

The requirements to change the aircraft related portions of AQAM were generated by the differences between commercial, USAF and USN aircraft operations. Due to special training requirements to ensure safe operations aboard ship, the USN developed a much larger LTO cycle which required three-dimensional models to simulate air operations. The models for non-aircraft activity were not changed since air base parameters are relatively consistent from base to base, and the environ parameters were flexible since the environment cannot be predicted a priori from base to base.

IV. ADAPTATIONS ACCOMPLISHED

The initial modifications made to adapt AQAM to represent Naval air operations are described in Ref. 10. These modifications nulled level line sources that existed above the mixing depth, keyed calculations to aircraft operations on a runway, added hot refueling as an area source and expanded the LTO cycle from two to three dimensions by developing crosswind and downwind aircraft flight paths to simulate VFR approaches, TGO cycles and FCLP cycles.

Rotary wing aircraft operate in both a runway and off runway environment. The IFR, VFR, TGO and FCLP simulations described in Ref. 10 and depicted in Figures 1 and 2 adequately represent normal helicopter operations to a runway. However, pattern heights and lengths of crosswind legs are different for helicopters. One maneuver practiced by rotary wing pilots which is not represented by the latter simulations is the autorotation. An autorotation is the emergency procedure utilized to safely land a helicopter which has experienced a dual engine or tail rotor failure while in flight. Regulations require that this maneuver, when practiced, be conducted to a prepared surface (runway).

An autorotation pattern is depicted in Figure 3. The helicopter climbs to 150 feet (Point 2) from a hover (Point 1) over the runway. At Point 2 the aircraft commences a climbing crosswind turn to downwind entry (Point 3). If

the crosswind turn is completed prior to 1000 feet the climb is continued to 1000 feet. The downwind leg is flown at 1000 feet, paralleling the runway until abeam the point of intended landing. As soon as safe separation between aircraft can be established a descending turn is commenced toward the runway (Point 4 to Point 5). The autorotation is entered anytime between point 4 and point 5 by going from a normal power setting to an idle power setting. The final leg is entered at 500 feet with the nose of the aircraft lined up with the centerline of the runway. On final, a flare is executed to arrive at zero to low airspeed over the intended point of landing. This hover altitude is modeled as 20 feet, but actually varies with helicopter type. The entire pattern is flown at 70 knots. If the autorotation is performed at a speed other than 70 knots, this speed is attained while in the downwind leg.

In order to conduct extensive hover work for training purposes and to relieve the runway of congestion, helicopters often operate on pads which are adjacent to the runway. Flight patterns to and from these pads always parallel the flight pattern for the runway being utilized.

A pad work pattern is depicted in Figure 3. The helicopter climbs to 150 feet (Point 2) from a hover over the pad (Point 1). At Point 2 a climbing crosswind turn is commenced to enter (Point 3) the downwind leg parallel to the pad at 500 feet. The downwind leg is continued until abeam the pad. As soon as safe separation between aircraft can be established a descending turn from Point 4 to Point 5

is executed. The final phase of the approach commences at 150 feet (Point 5), with the nose of the helicopter lined up with the center line of the pad. The helicopter adjusts power, and flares as necessary to arrive over the pad at zero or low speed in a 10 feet hover. The hover altitude can vary with training requirements but is most often in the 5 to 20 feet range.

Hover work was modeled as an area source utilizing the X,Y coordinates of the pad and the length of the side of the operating area. Hover work involves a great deal of aircraft movement about all three axes; therefore, it is best modeled as an area rather than a point source. Helicopters must be timed by type while conducting hover work to establish an average time-in-mode hover. This time may then be used to determine total emissions and emission rates.

Modification of AQAM to accept "hot refueling" and "pit refueling" options plus their associated delays was desired since these evolutions can be varied for pollution control at air stations. The Source Inventory Program was modified to accept a hot refuel delay area source, a hot refuel area source, a pit delay area source and a pit refuel area source. Observation indicated that certain refuel areas were used exclusively by specific aircraft. Therefore, each aircraft type was tagged to indicate its normal refuel procedure.

Each refuel and delay operation was timed, and times in each area were assigned by aircraft type.

Another evolution which can be varied for pollution control is the take off delay at the end of the runway. This delay was incorporated into the LTO cycle for USN aircraft operations and was modeled in the same area as the engine check area source. Dwell times in this mode of operation were measured and assigned by aircraft type.

AQAM, when first received, used only JP⁴ fuel parameters to model jet fuel. Since the Navy utilizes JP⁵ fuel, the JP⁵ fuel parameters were added to the model in place of the JP⁴ parameters. Fuel parameters affect vapor pressure and are significant in determining hydrocarbon evaporative losses.

The Short-term Program was modified to accept level line sources at or above an inversion layer as null sources [Ref. 10]. This modification was extended to any line sources which existed entirely above an inversion layer, be they level or skewed lines.

The Short-term Program limited the number of grid receptors to 312. This number was insufficient to delineate the environ sources about the air station. Therefore, the number of grid receptors was increased to 412.

Since AQAM was developed for the USAF, it did not have a runway roll (take-off) equation for the F-14 aircraft. The following series of equations were developed for the

F-14 using the least squares procedures specified in Ref.

12.

$$\begin{aligned} \text{(Dimensionless)} \quad \text{TOF} &= (0.0001 \times T^2) + (0.0002 \times \text{PA} + 0.0040) \times T \\ &\quad + (0.0001 \times \text{PA}^2 + 0.0181 \times \text{PA} + 0.3100) \end{aligned}$$

$$\begin{aligned} \text{(ft)} \quad \text{GR} &= (0.0121 \times \text{GW} - 206.6421) \times \text{TOF} \\ &\quad + (0.0350 \times \text{GW} - 1106.3345) \end{aligned}$$

$$\text{(ft)} \quad \text{FGR} = \text{GR} - (0.0087 \times \text{GR} + 6.4583) \times \text{WS}$$

T is in degrees Fahrenheit.

PA is in hundreds of feet.

GW is in pounds.

WS is in knots.

The take off factor (TOF) is calculated from the temperature (T) and pressure altitude (PA) which are specified in the meteorological data. Ground run (GR) is then calculated from the TOF and aircraft gross weight (GW), an LTO cycle input parameter. The final ground run (FGR) is calculated from the GR and the projection of the wind speed (WS) vector on the runway.

V. DATA ACQUISITION

NAS Miramar, California, was selected as the site for data collection for the high intensity air operations conducted, representative on-base facilities and off-base residential/industrial environment. NAS Miramar is one of the most active air stations in the United States. Total aircraft operations (arrivals + departures + TGOs + FCLPs) exceeded 200,000 for 1975. In addition the air station has a large fuel farm, many service and training facilities, much on-base vehicular traffic, engine test cells and base housing. Also, many environ emission sources exist in close proximity to NAS Miramar. Three major highways border the air station to the east, north and southwest. Industrial sites are north and south and residential areas lie to the north, southeast and southwest of the air station. This interplay of aircraft, air base facilities and off air base environment is indicative of many commercial and military airfields today and is the reason the contribution of each source to air quality must be determined. Tables I and III through VI depict the sources analyzed at NAS Miramar.

The initial collection of data at NAS Miramar provided a data base for aircraft operating parameters and meteorological parameters [Ref. 10]. This data base was the

TABLE III
POINT SOURCES AT NAS MIRAMAR

<u>SOURCE</u>	<u>BLDG. NO.</u>
TRAINING FIRES	K118
TEST CELLS	545
	463
	462
	542
	565
RUN UP STANDS	589
	419
POWER PLANT	K212
STORAGE TANKS	935
	940
	936
	319
	483
	K230

TABLE IV
AREA SOURCES AT NAS MIRAMAR

<u>SOURCE</u>	<u>LOCATION</u>
FUEL WORKING	K231 K234 K229 M319 K214 498
FUEL STORAGE	FUEL TANK FARM TEST CELL FUEL TANKS QUALITY CONTROL TANK
TANK TRUCK PARKING	NEAR 592 NEAR K229
VEHICLE PARKING	TEN AREA SOURCES INCORPORATE ALL BASE PROPER PARKING BETWEEN THE FLIGHT LINE AND NORTH GATE.
SPACE HEATING	BASE HOUSING MOBILE HOMES PROPANE USERS
GROUND MOBILE*	SAME AREAS AS VEHICLE PARKING AND SPACE HEATING.

*VEHICULAR EMISSIONS WHICH OCCUR WHILE TRAVELING TO OR FROM A MAJOR ROADWAY (LINE SOURCE) ARE CONSIDERED AREA SOURCES.

TABLE V
LINE SOURCES AT NAS MIRAMAR

ROADWAY

MIRAMAR WAY
POLARIS AVENUE
MITSCHER WAY
JUPITER ROAD
RIGEL AVENUE
REGULUS AVENUE
RAVEN ROAD (PORTION PARALLEL TO FLIGHT LINE)

TABLE VI

ENVIRON SOURCES SURROUNDING NAS MIRAMAR

ROADWAYS

INTERSTATE 805
HIGHWAY 15
MIRAMAR ROAD

RESIDENTIAL AREAS*

INDUSTRIAL AREAS*

*RESIDENTIAL AND INDUSTRIAL SOURCES WERE MODELED USING
LAND USE FACTORS SINCE A DATA BASE WAS NOT ESTABLISHED
FOR THESE SOURCES.

result of an existing twenty-five year history of meteorological data and over eighty hours of observations of aircraft operations. These observations provided definition of taxi paths, parking areas, dwell time in various operating modes, and recognition of the need for a three-dimensional LTO cycle to adequately assess the contribution to air quality of Naval aircraft operations.

Later collections of data focused on the air station and the surrounding environment. Over sixty hours of data collection provided a sound data base for the air station. An adequate data base for the environment bordering NAS Miramar was not established except for the major highways bordering the air station.

Data were collected from existing records, by interviews and by observation. An extensive amount of raw data must be collected to describe each source. AQAM estimates of air quality are probably more dependent on the data input to the model than on any limitations to the simulations used to describe dispersion and operations [Ref. 6]. Since every air station is physically different, and possesses different aircraft and surroundings, a complete data survey is required to satisfy the input data requirements for each source.

VI. RESULTS AND DISCUSSION

Once modified, the Source Inventory Program and the Short-term Program provided an ambient air quality model for assessment of U.S. Naval aviation emittants. The model was utilized to conduct seven simulations of operations at NAS Miramar. These simulations are summarized in Table VII and permitted a parametric analysis of the relationships between the broad categories of aircraft, air base and environ sources. Finally, using the total sources, an attempt was made to distinguish the subtle interplay of the primary source categories to the overall ambient air quality about NAS Miramar.

The meteorological and temporal parameters were held constant for each case. These parameters are tabulated in Table VIII.

Case 1 was established as the base case and represented operations as they are normally conducted at NAS Miramar. Changes to the source parameters of Case 1 constituted the remaining cases. Case 2 provided a better estimate of the emissions from sources surrounding NAS Miramar. Land use factors were used to provide an order of magnitude estimate [Ref. 6] of these environ sources, since better data were not available. Case 3 removed the take off delay, pit refuel delay, hot refuel delay, pit refuel and hot refuel

TABLE VII
SIMULATIONS OF OPERATIONS AT NAS MIRAMAR

<u>CASE</u>	<u>DESCRIPTION</u>
1	BASE CASE. INCLUDES ALL AIRCRAFT SOURCES, AIR BASE SOURCES AND HIGHWAY TRAFFIC ADJACENT TO THE AIR BASE.
2	BASE CASE PLUS LAND USE FACTORS TO MODEL RESIDENTIAL/INDUSTRIAL ENVIRON SOURCES.
3	BASE CASE MINUS TAKE OFF DELAY, PIT REFUEL DELAY, HOT REFUEL DELAY, PIT REFUEL AND HOT REFUEL EMISSIONS.
4	BASE CASE EXCEPT TEST CELLS AND RUN UP STANDS EMITTING A FULL DAYS POLLUTION IN ONE HOUR, AIR BASE SOURCES ZEROED.
5	BASE CASE MINUS ENGINE TEST CELLS AND RUN UP STANDS.
6	BASE CASE PLUS HYDROCARBON WORKING LOSSES.
7	BASE CASE MINUS TAKE OFF DELAY, PIT REFUEL DELAY AND HOT REFUEL DELAY SOURCES.

TABLE VIII
METEOROLOGICAL AND TEMPORAL DATA

METEOROLOGICAL PARAMETERS

TEMPERATURE (DEGREES FAHRENHEIT)	65.0
MIXING DEPTH (METERS)	800.0
WIND DIRECTION (DEGREES)	200.0
WIND SPEED (METERS/SECOND)	2.57
STABILITY CATEGORY	2

TEMPORAL DATA

YEAR	1975
MONTH	MAY
PERIOD	1200-1300 HOURS ON A WEEKDAY
HOURL INDEX	13

emissions. This procedure placed all refueling and servicing emissions in the aircraft parking areas, which was consistent with the original AQAM. Case 4 was a "worst case" study of the emissions from engine test cells and run up stands. As an approximation, the emissions for the entire day from each test cell/run-up stand were considered to be released in the hour under consideration. This corresponded to emissions from approximately eight minutes of operation for each run-up stand and eighty minutes of operation for each test cell. All other air base sources had zero emissions. Case 5 established the pollution caused by the air base without the engine test cells and run up stands in operation. Case 6 established the hydrocarbon working losses that would occur if vapor recovery systems were not utilized by NAS Miramar. Case 7 removed the take-off delay, pit refuel delay and hot refuel delay sources to study the effects of aircraft delays on ambient air quality.

The Source Inventory Program provides a summary of the annual emissions by source. This summary is presented in Tables IX through XI for Case 1. In addition, the effect of the environ sources when land use factors are added is depicted in Table XII. The parameters which define each case can be interpreted from these tables. Source Inventory summaries can only be used to establish the qualitative importance of a source to ambient air quality since the emissions have not been dispersed in time and space.

TABLE IX

CASE 1 - SUMMARY OF AIRCRAFT SOURCE EMISSIONS
SUMMARY OF ANNUAL EMISSIONS IN AIRCRAFT LTO MODES
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
STARTUP	8.979E 01	3.627E 01	4.623E 00	4.136E 01	1.252E-01
TAXI OUT	2.239E 02	8.912E 01	1.238E 01	1.252E 02	5.729E-02
TAKEOFF DLY	4.610E 02	1.768E 02	2.536E 01	2.544E 02	2.561E-01
ENGINE CHECK	4.548E 00	9.149E-01	1.100E 01	1.421E 01	7.654E-02
RUNWAY ROLL	9.648E 01	5.023E 00	3.764E 01	5.246E 01	1.681E-01
CLIMB (1+2)	1.180E 02	9.056E 00	8.454E 01	1.059E 02	1.383E-01
APPROACH IFR	3.401E 01	1.161E 01	8.325E 01	2.160E 02	7.650E-02
APPROACH VFR	4.325E 01	1.332E 01	1.107E 02	2.571E 02	1.198E-01
LANDING	6.628E 01	2.880E 01	3.482E 00	3.236E 01	4.600E-02
TAXI IN	8.242E 02	3.558E 02	4.355E 01	4.291E 02	3.059E-01
(HR+PIT) DLY	8.527E 01	3.383E 01	4.756E 00	4.959E 01	0.0
HOT REFUEL	2.634E 02	7.198E 01	1.678E 01	1.846E 02	0.0
SHUTDOWN	1.918E 02	8.331E 01	1.100E 01	1.021E 02	1.831E-02
ARR + DEP SV	4.399E 01	4.626E 00	2.142E 00	0.0	0.0
FUEL VENTING	0.0	0.0	0.0	0.0	0.0
FILL + SPILL	0.0	3.762E-01	0.0	0.0	0.0
TGO PATTERN	2.454E 01	7.676E 00	7.494E 01	1.294E 02	8.721E-02
FCLP PATTERN	6.793E 01	2.256E 01	2.106E 02	3.452E 02	0.0
PAD WORK	0.0	0.0	0.0	0.0	0.0
HOVER WORK	0.0	0.0	0.0	0.0	0.0
AUTOROTATION	0.0	0.0	0.0	0.0	0.0
TOTAL	2.638E 03	9.511E 02	7.367E 02	2.339E 03	1.475E 00

TABLE X

CASE 1 - SUMMARY OF AIR BASE SOURCE EMISSIONS

SUMMARY OF ANNUAL EMISSIONS FROM AIR BASE FACILITIES
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
TRAIN FIRES	2.096E 01	1.198E 01	1.553E-01	4.791E 00	0.0
TEST CELLS	1.587E 02	1.768E 01	1.094E 02	1.455E 02	0.0
RUN-UP STDS	4.799E-01	1.869E-01	4.587E-01	8.019E 00	3.893E-02
POWER PLANTS	5.120E-04	5.120E-02	2.248E-01	2.320E-02	7.680E-04
INCINERATORS	0.0	0.0	0.0	0.0	0.0
OTHER AB PTS	0.0	0.0	0.0	0.0	0.0
SPACE HEATING	2.880E-03	1.152E-03	1.765E-01	2.718E-03	8.640E-05
TOTAL	1.802E 02	2.990E 01	1.104E 02	1.584E 02	3.978E-02

SUMMARY OF ANNUAL EMISSIONS FROM EVAPORATIVE HYDROCARBONS
ALL LOSSES IN METRIC TONS

<u>OPERATION</u>	<u>WORKING LOSS</u>	<u>FIXED ROOF BREATHING LOSS</u>	<u>FLOATING ROOF BREATHING LOSS</u>	<u>SPILLAGE</u>	<u>OTHER</u>
STORAGE TANKS	6.418E 00	9.762E-01	0.0		
FILLING	0.0			0.0	
PET. STOR.TKS		3.280E 00	0.0		
TNK. TRUCK PK		6.175E-01			
VEH. PARKING		5.291E 01			
OTHERS					0.0

TOTAL EMISSIONS FROM EVAPORATIVE HYDROCARBONS IS 6.420E 01 METRIC TONS

TABLE X (CONTINUED)

SUMMARY OF ANNUAL EMISSIONS FROM GROUND MOBILE SOURCES
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
OFF ROAD VEH	1.526E 00	2.307E-01	2.759E 00	4.838E-02	9.677E-02
MILITARY VEH	0.0	0.0	0.0	0.0	0.0
CIVILIAN VEH	1.833E 01	1.703E 00	1.340E 00	2.333E-01	8.045E-02
MIL.VEH. LINE	0.0	0.0	0.0	0.0	0.0
CIV.VEH. LINE	3.293E 02	3.585E 01	6.007E 01	8.320E 00	2.869E 00
OTHER ABLINE	0.0	0.0	0.0	0.0	0.0
TOTAL	3.491E 02	3.778E 01	6.416E 01	8.602E 00	3.046E 00

TABLE XI

CASE 1 - SUMMARY OF ENVIRON AND TOTAL SOURCE EMISSIONS

SUMMARY OF ANNUAL EMISSIONS FROM ENVIRONS
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
ENVIRON PTS.	1.376E 01	2.000E-01	5.190E 00	0.0	0.0
ENV STA AREA	0.0	0.0	0.0	0.0	0.0
ENV MOB AREA	0.0	0.0	0.0	0.0	0.0
ENV LAND USE	0.0	0.0	0.0	0.0	0.0
ENV COM AREA	0.0	0.0	0.0	0.0	0.0
ENV ROAD WAY	4.850E 03	5.804E 02	1.616E 03	1.837E 02	6.333E 01
ENV NON-ROAD	0.0	0.0	0.0	0.0	0.0
TOTAL	4.864E 03	5.806E 02	1.621E 03	1.837E 02	6.333E 01

SUMMARY OF ALL ANNUAL EMISSIONS
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
AIRCRAFT	2.638E 03	9.511E 02	7.367E 02	2.339E 03	1.475E 00
GROUND MOBIL	3.491E 02	3.778E 01	6.416E 01	8.602E 00	3.046E 00
FACILITIES	1.802E 02	9.410E 01	1.104E 02	1.584E 02	3.978E-02
ENVIRONS	4.864E 03	5.806E 02	1.621E 03	1.837E 02	6.333E 01
GRANT TOTAL	8.032E 03	1.664E 03	2.533E 03	2.690E 03	6.789E 01

TABLE XI (CONTINUED)

PERCENT OF EMISSIONS FROM ALL SOURCES

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
AIRCRAFT	32.848	57.171	29.089	86.964	2.173
GROUND MOBIL	4.347	2.271	2.533	0.320	4.487
FACILITIES	2.243	5.657	4.358	5.888	0.059
ENVIRONS	60.561	34.901	64.020	6.829	93.282

TABLE XII

CASE 2 - SUMMARY OF ENVIRON AND TOTAL SOURCE EMISSIONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
ENVIRON PTS.	1.376E 01	2.000E-01	5.190E 00	0.0	0.0
ENV STA AREA	0.0	0.0	0.0	0.0	0.0
ENV MOB AREA	0.0	0.0	0.0	0.0	0.0
ENV LAND USE	9.278E 04	1.792E 04	7.215E 03	3.024E 03	3.864E 03
ENV COM AREA	0.0	0.0	0.0	0.0	0.0
ENV ROAD WAY	4.850E 03	5.804E 02	1.616E 03	1.837E 02	6.333E 01
ENV NON-ROAD	0.0	0.0	0.0	0.0	0.0
TOTAL	9.764E 04	1.850E 04	8.836E 03	3.207E 03	3.927E 03

SUMMARY OF ALL ANNUAL EMISSIONS
ALL POLLUTANTS IN METRIC TONS

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
AIRCRAFT	2.638E 03	9.511E 02	7.367E 02	2.339E 03	1.475E 00
GROUND MOBIL	3.491E 02	3.778E 01	6.416E 01	8.602E 00	3.046E 00
FACILITIES	1.802E 02	9.410E 01	1.104E 02	1.584E 02	3.978E-02
ENVIRONS	9.764E 04	1.850E 04	8.836E 03	3.207E 03	3.927E 03
GRAND TOTAL	1.008E 05	1.958E 04	9.747E 03	5.713E 03	3.932E 03

TABLE XII (CONTINUED)

PERCENT OF EMISSIONS FROM ALL SOURCES

<u>OPERATION</u>	<u>CO</u>	<u>HC</u>	<u>NOX</u>	<u>PM</u>	<u>SOX</u>
AIRCRAFT	2.617	4.856	7.558	40.939	0.038
GROUND MOBIL	0.346	0.193	0.658	0.151	0.077
FACILITIES	0.179	0.481	1.132	2.772	0.001
ENVIRONS	96.858	94.470	90.651	56.138	99.884

The Short-term Program takes the source data, emission strengths, meteorological data and temporal data and disperses the source emissions in time and space. These concentrations, which are collected over the receptor grid system, determine a sources contribution to ambient air quality.

Table XIII compares the maximum 1-hour receptor concentration from aircraft sources at NAS Miramar. For the receptor locations employed, removing aircraft delays (Case 7) reduced the maximum pollutant concentrations by only 2 per cent. However, Table IX shows that elimination of aircraft delays can reduce CO and HC yearly emissions by approximately 21 per cent and particulates by approximately 13 per cent. Case 3 eliminates the aircraft delays and puts all refueling in the parking areas. The maximum hourly concentrations occurred at the same receptor location (12, 9) as for Cases 1 and 7, but increased by approximately 17 per cent. This higher concentration results from receptor (12, 9) being located nearer to the parking area than to the hot refueling or pit refueling areas. Comparison of Cases 1, 3, and 7 shows that refueling in the parking areas increases the local ambient air concentrations of each pollutant in the parking area but decreases annual emissions of each pollutant by approximately 8 per cent. Locations of pertinent receptors are presented in Figure 4.

Table XIV compares the maximum 1-hour receptor concentration from air base sources at NAS Miramar. Case 1 and Case 5,

TABLE XIII

MAXIMUM 1-HOUR RECEPTOR CONCENTRATION (CHI) FROM AIRCRAFT
SOURCES AT NAS MIRAMAR

POLLUTANT	CASE 1			CASE 3			CASE 7		
	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)
CARBON MONOXIDE	12.0	9.0	214.8	12.0	9.0	250.2	12.0	9.0	213.2
HYDROCARBONS	12.0	9.0	80.99	12.0	9.0	95.03	12.0	9.0	79.64
OXIDES OF NITROGEN	12.0	9.0	17.77	12.0	9.0	18.87	12.0	9.0	17.71
PARTICULATES	12.0	9.0	125.1	12.0	9.0	126.3	12.0	9.0	124.8
OXIDES OF SULFUR	12.0	9.0	0.04087	12.0	9.0	0.04087	12.0	9.0	0.04087

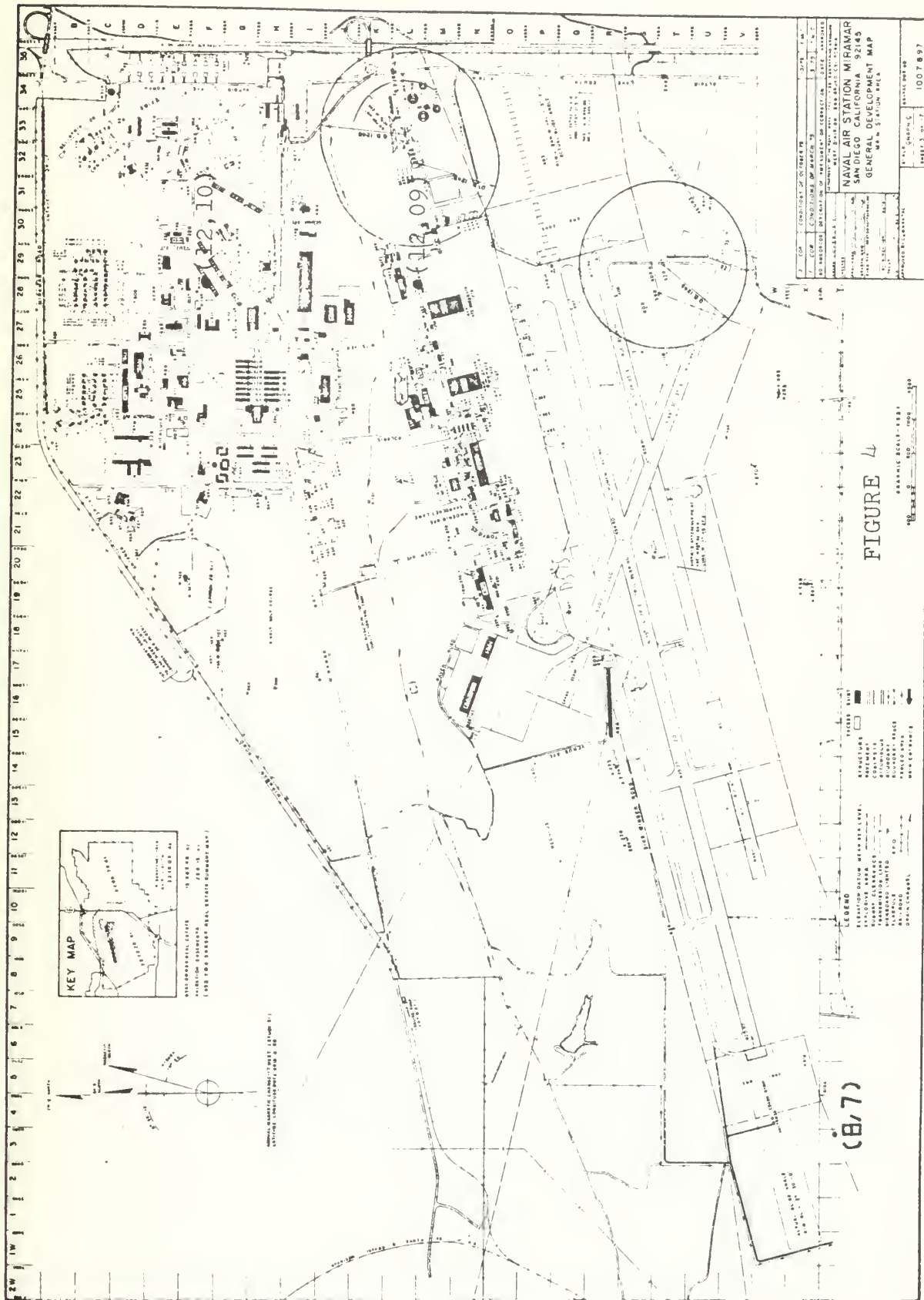


TABLE XIV

MAXIMUM 1-HOUR RECEPTOR CONCENTRATION (CHI) FROM AIR BASE
SOURCES AT NAS MIRAMAR

POLLUTANT	CASE 1			CASE 4			CASE 5			CASE 6		
	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)
CARBON MONOXIDE	13.0	11.0	4.167	13.0	11.0	44.29	12.0	10.0	1.177	13.0	11.0	4.167
HYDRO- CARBONS	12.0	10.0	8.668	13.0	11.0	4.985	12.0	10.0	8.580	12.0	10.0	11.30
OXIDES OF NITROGEN	13.0	11.0	2.636	12.0	11.0	30.39	12.0	10.0	0.4027	13.0	11.0	2.636
PARTICU- LATES	13.0	11.0	3.703	13.0	11.0	44.37	12.0	10.0	0.01711	13.0	11.0	3.703
OXIDES OF SULFUR	12.0	10.0	0.01713	13.0	11.0	0.02135	12.0	10.0	0.01566	12.0	10.0	0.01713

together, indicate that the maximum local ambient concentrations (from air base sources) of carbon monoxide, oxides of nitrogen and particulates result, for this particular time period, from the engine test cells and run up stands. Source Inventory for these two cases also shows that test cell/run up stand operation contributes 30%, 14%, 63%, and 92% of the annual air base emissions of CO, HC, NOX and particulates, respectively. However, these values (when compared to the standards depicted in Table XV) indicate that test cells and run up stands by themselves produce less than one per cent of the 1-hour ambient air quality standards. The "worst case" (Case 4) values for engine test cells and run up stands are less than 7 per cent of the 1-hour ambient air quality standards.

Case 1 and Case 6, together, depict the reduction in hydrocarbon emissions which result from the recent installation of vapor recovery systems at NAS Miramar. These systems caused a 30 per cent reduction in both the maximum receptor concentration and yearly total emissions of air base evaporative hydrocarbons.

Table XVI compares the maximum 1-hour receptor concentration from environ sources surrounding NAS Miramar. Case 1 included the vehicular traffic emissions on Interstate 805, Highway 15 and Miramar Road. A sound data base exists for these sources. Case 2 included these emissions plus the emissions due to industrial and residential activity based on Land Use factors. Reference 6 cautions that the Land Use

TABLE XV
 AMBIENT AIR QUALITY STANDARDS
 (From Ref. 13)

POLLUTANT	STANDARDS $\mu\text{g}/\text{m}^3$	
	California	Federal Primary
CARBON MONOXIDE	46,000 ¹	40,000 ¹
OXIDES OF NITROGEN	470 ¹	100 ⁴
HYDROCARBONS	NONE	160 ²
PARTICULATES	100 ³	260 ³
OXIDES OF SULFUR	1,310 ¹	365 ³

1. 1-hour concentration not to be exceeded more than once per year.
2. 3-hour concentration not to be exceeded more than once per year.
3. 24-hour concentration not to be exceeded more than once per year.
4. Annual arithmetic mean.

TABLE XVI

MAXIMUM 1-HOUR RECEPTOR CONCENTRATION (CHI) FROM ENVIRON
SOURCES NEAR NAS MIRAMAR

POLLUTANT	CASE 1			CASE 2		
	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)
CARBON MONOXIDE	13.0	13.0	8.507	11.0	5.0	650.7
HYDROCARBONS	10.0	12.0	1.081E-03	11.0	3.0	202.2
OXIDES OF NITROGEN	10.0	12.0	2.806E-02	11.0	3.0	56.35
PARTICULATES	13.0	13.0	1.855E-04	11.0	3.0	49.10
OXIDES OF SULFUR	13.0	13.0	8.746E-06	11.0	5.0	59.63

factors utilized to define environ activity can provide only an order of magnitude estimate of the actual concentration of pollutants. Therefore, the results for Case 2 in Table XVI may not be accurate and should be used with caution.

Table XVII presents data from all sources for cases 1 and 2. Again, the unreliability of the Land Use factors to accurately describe the environ sources prevents an accurate estimation of the interplay between aircraft and air base sources with the environ sources. The Table does indicate that aircraft sources dominate the maximum pollutant concentration's on the air base and dominate the maximum concentration of particulates throughout the receptor grid system. More data are required to define the environment prior to establishing the interplay of the three emission sources.

To permit analysis of more than just those receptors with maximum pollutant concentrations the entire receptor grid system for each primary source category is presented as Appendix A for Case 2.

TABLE XVII

MAXIMUM 1-HOUR RECEPTOR CONCENTRATION (CHI) FROM TOTAL*
SOURCES ABOUT NAS MIRAMAR

POLLUTANT	CASE 1			CASE 2		
	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)	X (km)	Y (km)	CHI ($\mu\text{g}/\text{m}^3$)
CARBON MONOXIDE	12.0	9.0	215.2	11.0	5.0	650.8
HYDROCARBONS	12.0	9.0	81.37	11.0	3.0	202.2
OXIDES OF NITROGEN	12.0	9.0	17.79	11.0	3.0	56.35
PARTICULATES	12.0	9.0	125.1	12.0	9.0	129.5
OXIDES OF SULFUR	12.0	10.0	0.05178	11.0	5.0	59.63

* AIRCRAFT + AIR BASE + ENVIRONS

VII. CONCLUSIONS AND RECOMMENDATIONS

Modifications to AQAM have enhanced the accuracy for predictions related to U.S. Naval Aircraft operations. The capacity of the air quality model to qualitatively relate the various emission sources exists at this stage in the model's development. The capacity of the model to quantitatively predict the ambient air quality through space and time must yet be verified by actual measurement.

The model can assist in the verification process. For a given set of meteorological data and temporal distributions the model can indicate the best receptor locations for optimizing data collection devices. Using the meteorological and temporal parameters of Table VIII and Cases 1 through 7, the best locations for receptors appear to be just south of the jet engine maintenance shop, just north of toyland and just north of the Miramar Road/Highway 15 intersection.

Before the interplay of aircraft, air base and environ emissions can be established at NAS Miramar a data base for the environ sources must be established. In addition, the data base for the aircraft and air base sources must be updated to represent 1976. Recurring updates of any data base must occur or the quantitative results of the model will not represent the actual situation.

The model should be modified to provide contour mapping of pollutant concentrations over the grid of receptors. Parametric studies conducted under differing meteorological and temporal distributions could then be visualized to indicate sources of high, medium and low concentrations. Then, parametric studies could be conducted by varying operational factors and source parameters to establish the combination which would provide the lowest pollution level.

APPENDIX A - AIRCRAFT, AIR BASE, ENVIRON AND TOTAL GRID RECEPTOR CONCENTRATIONS FOR CASE 2

MCNTH = MAY NAS MIRAPUR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM ENVIRON SCFCS									
RECEPTOR NUMBER	RECEPTOR LOCATION		EXPECTED ARITHMETIC MEAN						
	(KILOMETERS) X	Y	CC	HC	(MICROGRAMS/CL. METER) NCX	PT	SC2		
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	0.0	1.00	0.0	0.0	0.0	0.0	0.0		
3	0.0	2.00	0.0	0.0	0.0	0.0	0.0		
4	0.0	3.00	3.487E-07	-6.117E-08	-2.641E-08	-1.023E-05	-1.509E-05		
5	0.0	4.00	2.232E-03	3.513E-04	1.691E-04	2.619E-05	3.551E-05		
6	0.0	5.00	9.137E-04	1.635E-04	6.919E-05				
7	0.0	6.00	2.437E-02	4.355E-04	1.744E-04	3.212E-05	3.535E-05		
8	0.0	7.00	3.259E-01	5.835E-00	2.375E-00	5.007E-01	3.535E-01		
9	0.0	8.00	2.655E-01	4.686E-00	1.914E-00	4.025E-01	4.756E-01		
10	0.0	9.00							
11	0.0	10.00	2.027E-01	3.578E-00	1.461E-00	3.076E-01	3.62E-01		
12	0.0	11.00	5.809E-00	2.616E-00	4.18E-01	5.81E-02	1.505E-01		
13	0.0	12.00	3.362E-00	5.34E-01	2.424E-01	5.105E-02	6.009E-02		
14	0.0	13.00	2.554E-00	4.345E-01	1.800E-01	3.745E-02	4.57E-02		
15	0.0	14.00							
16	0.0	15.00	2.402E-00	4.240E-01	1.732E-01	3.661E-02	4.367E-02		
17	1.00	0.0	0.0	0.0	0.0	0.0	0.0		
18	1.00	1.00	0.0	0.0	0.0	0.0	0.0		
19	1.00	2.00	0.0	0.0	0.0	0.0	0.0		
20	1.00	3.00	2.968E-06	-9.34E-07	0.005E-07	0.163E-07	-1.16E-07		
21	1.00	4.00	2.997E-02	5.251E-03	2.265E-03	6.784E-04	1.55E-03		
22	1.00	5.00	3.950E-01	6.972E-00	2.846E-00	5.57E-01	7.3E-01		
23	1.00	6.00	7.434E-01	1.312E-01	5.355E-00	1.12E-00	1.43E-00		
24	1.00	7.00	6.828E-01	1.120E-01	4.921E-00	1.03E-00	1.33E-00		
25	1.00	8.00	5.855E-01	1.033E-01	4.21E-00	8.86E-01	1.58E-00		
26	1.00	9.00	4.777E-01	8.442E-00	2.705E-00	7.55E-01	9.87E-01		
27	1.00	10.00	3.752E-01	6.632E-00					
28	1.00	11.00	1.237E-01	2.13E-00	8.917E-01	1.175E-01	2.38E-01		
29	1.00	12.00	7.752E-00	1.36E-00	5.585E-01	5.45E-02	1.13E-01		
30	1.00	13.00	6.229E-00	1.05E-00	4.491E-01				
31	1.00	14.00	5.705E-00	1.00E-00	4.117E-01	8.724E-02	1.04E-01		
32	1.00	15.00	5.258E-00	9.20E-01	3.792E-01	8.055E-02	9.83E-02		
33	1.00	16.00	0.0	0.0	0.0	0.0	0.0		
34	1.00	17.00	0.0	0.0	0.0	0.0	0.0		
35	1.00	18.00	0.0	0.0	0.0	0.0	0.0		
36	1.00	19.00	3.750E-05	-6.578E-06	-2.835E-06	-1.05E-06	-1.621E-06		
37	2.00	4.00	2.890E-01	5.065E-02	2.186E-02	8.465E-03	1.249E-02		

MCNTH = MAY
 NAS MIRAMAF
 PERICC = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPTOR NUMBER	RECEPTOR CONCENTRATION DATA FROM ENVIRON										EXPECTED ARITHMETIC MEAN	
	RECEPTOR LOCATION	SCFCS										
	(KILOMETERS) X	(KILOMETERS) Y	CO	HC	(MICROGRAMS/CU. METER) NC	FT	SC2					
38	2.00	5.00	1.364E-01	2.32E-02	1.036E-02	4.105E-03	6.08E-03					
39	2.00	6.00	1.181E-01	2.08E-01	8.51E-02	1.754E-02	2.13E-02					
40	2.00	7.00	1.146E-02	2.03E-01	8.25E-02	1.735E-02	2.07E-02					
41	2.00	8.00	1.050E-02	1.83E-01	7.56E-02	1.535E-02	1.897E-02					
42	2.00	9.00	9.175E-01	1.61E-01	6.61E-02	1.535E-02	1.658E-02					
43	2.00	10.00	5.510E-01	9.72E-02	3.972E-02	8.370E-01	5.66E-01					
44	2.00	11.00	2.177E-01	3.83E-02	1.036E-02	3.214E-01	5.54E-01					
45	2.00	12.00	1.437E-01	2.53E-02	1.036E-02	3.195E-01	5.62E-01					
46	2.00	13.00	1.218E-01	2.15E-02	8.78E-02	1.864E-01	2.22E-01					
47	2.00	14.00	1.082E-01	1.93E-02	7.83E-02	1.664E-01	2.59E-01					
48	2.00	15.00	9.824E-02	1.73E-02	7.09E-02	1.521E-01	1.82E-01					
49	3.00	0.00	0.00	0.00	0.00	0.00	0.00					
50	3.00	1.00	3.002E-04	-5.26E-05	-2.273E-05	-8.75E-06	-1.258E-05					
51	3.00	2.00	3.55E-06	5.85E-01	2.540E-01	5.834E-02	1.451E-01					
52	3.00	3.00	2.011E-02	1.57E-01	1.52E-01	5.98E-02	1.654E-02					
53	3.00	4.00	1.106E-02	1.37E-01	8.375E-02	5.22E-02	1.4807E-02					
54	3.00	5.00	1.527E-02	2.65E-01	1.101E-01	2.34E-02	2.70E-02					
55	3.00	6.00	1.565E-02	2.70E-01	1.106E-01	2.334E-02	2.71E-02					
56	3.00	7.00	1.534E-02	2.58E-01	1.037E-01	2.18E-02	2.604E-02					
57	3.00	8.00	1.438E-02	1.03E-01	2.28E-02	4.485E-01	1.80E-01					
58	3.00	9.00	5.835E-01	1.52E-02	1.037E-02	2.34E-02	2.70E-02					
59	3.00	10.00	3.165E-01	1.52E-02	1.037E-02	2.34E-02	2.70E-02					
60	3.00	11.00	2.273E-01	4.01E-02	1.640E-02	3.50E-02	4.204E-02					
61	3.00	12.00	1.992E-01	3.32E-02	1.440E-02	3.50E-02	4.204E-02					
62	3.00	13.00	1.768E-01	3.10E-02	1.27E-02	2.74E-02	3.310E-02					
63	3.00	14.00	1.616E-01	2.82E-02	1.16E-02	2.56E-02	3.114E-02					
64	3.00	15.00	0.00	0.00	0.00	0.00	0.00					
65	4.00	0.00	1.542E-03	-2.70E-04	1.83E-04	4.51E-05	7.3E-05					
66	4.00	1.00	1.540E-01	2.70E-02	1.16E-02	4.51E-05	7.3E-05					
67	4.00	2.00	1.016E-01	1.73E-02	7.69E-02	2.59E-02	3.35E-02					
68	4.00	3.00	1.406E-02	2.40E-01	1.015E-01	2.247E-02	2.657E-02					
69	4.00	4.00	1.607E-02	3.07E-01	1.265E-01	2.68E-02	3.204E-02					
70	4.00	5.00	1.755E-02	3.21E-01	1.320E-01	2.79E-02	3.35E-02					
71	4.00	6.00	1.844E-02	3.24E-01	1.325E-01	2.81E-02	3.35E-02					
72	4.00	7.00	1.844E-02	3.24E-01	1.325E-01	2.81E-02	3.35E-02					

NAS MIRAMAR
PERIOD = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM ENVIRON SCUFES									
RECEPTOR NUMBER		RECEPTOR LOCATION		EXPECTED ARITHMETIC MEAN					
		(KILOMETERS)		CO		PC		FT	
		X		Y		NCX		SC2	
75		4.00		10.00		6.16E 01	1.08E 01	4.44E 00	5.26E-01
76		4.00		11.00		4.294E 01	7.559E 00	3.09E 00	6.67E-01
77		4.00		12.00		4.258E 01	5.744E 00	2.33E 00	5.12E-01
78		4.00		13.00		2.861E 01	5.046E 00	2.06E 00	4.51E-01
79		4.00		14.00		2.805E 01	4.945E 00	2.03E 00	4.71E-01
80		4.00		15.00		2.461E 01	4.342E 00	1.78E 00	4.16E-01
81		5.00		16.00		0.00	0.00	0.00	0.00
82		5.00		17.00		1.886E 01	3.305E 00	1.43E 00	5.23E-01
83		5.00		18.00		1.432E 01	3.775E 00	1.35E 00	5.12E-01
84		5.00		19.00		5.082E 01	8.916E 00	3.84E 00	1.43E 00
85		5.00		20.00		3.728E 01	6.53E 00	2.80E 00	1.05E 00
86		5.00		21.00		1.437E 02	2.428E 01	1.00E 01	2.25E 00
87		5.00		22.00		1.437E 02	2.536E 01	1.03E 01	2.25E 00
88		5.00		23.00		1.626E 02	2.865E 01	1.17E 01	2.36E 00
89		5.00		24.00		1.802E 02	3.181E 01	1.30E 01	2.75E 00
90		5.00		25.00		1.163E 02	2.053E 01	8.40E 00	1.81E 00
91		5.00		26.00		5.875E 01	1.037E 01	4.24E 00	1.48E 00
92		5.00		27.00		7.950E 01	1.380E 01	5.70E 00	1.60E 00
93		5.00		28.00		4.666E 01	8.154E 00	3.30E 00	1.16E 00
94		5.00		29.00		3.852E 01	6.780E 00	2.78E 00	1.04E 00
95		5.00		30.00		3.335E 01	7.645E 00	3.16E 00	1.04E 00
96		5.00		31.00		3.744E 01	6.601E 00	2.72E 00	8.81E-01
97		5.00		32.00		0.00	0.00	0.00	0.00
98		5.00		33.00		0.00	0.00	0.00	0.00
99		5.00		34.00		1.379E 02	2.420E 01	1.00E 01	2.40E 00
100		5.00		35.00		1.212E 02	1.127E 01	9.18E 00	2.54E 00
101		5.00		36.00		1.910E 02	2.059E 01	8.70E 00	2.50E 00
102		5.00		37.00		1.192E 02	2.059E 01	8.70E 00	2.50E 00
103		5.00		38.00		1.360E 02	2.407E 01	9.89E 00	2.35E 00
104		5.00		39.00		1.355E 02	2.359E 01	9.87E 00	2.35E 00
105		5.00		40.00		1.513E 02	2.671E 01	1.00E 01	2.43E 00
106		5.00		41.00		1.034E 02	1.808E 01	7.44E 00	1.55E 00
107		5.00		42.00		1.316E 02	2.285E 01	9.42E 00	2.50E 00
108		5.00		43.00		1.456E 02	2.521E 01	1.05E 01	2.66E 00
109		5.00		44.00		5.256E 01	1.054E 01	4.53E 00	1.36E 00
110		5.00		45.00		7.100E 01	1.251E 01	5.22E 00	1.50E 00
111		5.00		46.00		1.100E 01	1.251E 01	5.22E 00	1.50E 00

MCNT# = MAY NAS MIRAMIR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTE NUMBER	RECEPTE CONCENTRATION DATA FROM ENVIRN										SCFCS	
	RECEPTE LOCATION										EXPECTED ARITHMETIC MEAN	
	(KILCNETES)		Y	X	CC	HC	(MICRCGRAMS/CL. METER)		FT	SC2		
							NCA					
1123	6.00	15.00	6.044E 01	1.065E 01	4.444E 00	1.264E 00	1.655E 00					
1114	7.00	0.00	0.00	0.00	0.00	0.00	0.00					
1114	7.00	1.00	1.474E 02	2.585E 03	-1.111E -03	-4.320E -04	-6.372E -04					
1114	7.00	2.00	2.165E 03	3.758E 01	1.640E 01	6.344E 00	9.332E 00					
1117	7.00	4.00	2.157E 02	3.784E 01	1.624E 01	5.976E 00	8.705E 00					
1119	7.00	5.00	1.042E 02	1.833E 01	7.355E 00	2.535E 00	3.580E 00					
1120	7.00	6.00	1.785E 02	3.183E 01	8.040E 00	2.005E 00	4.234E 00					
1121	7.00	7.00	1.102E 01	1.949E 01			2.88E 00					
1122	7.00	8.00	1.163E 02	2.055E 01	8.450E 00	2.038E 00	2.88E 00					
1123	7.00	10.00	2.548E 02	4.373E 01	1.962E 01	5.532E 00	2.88E 00					
1244	7.00	11.00	1.855E 02	3.295E 01	1.477E 01	6.761E 00	1.095E 01					
1245	7.00	12.00	9.002E 01	2.420E 01	1.951E 00	2.065E 00	2.88E 00					
1246	7.00	13.00	1.376E 01	2.420E 01	1.025E 01	3.408E 00	4.234E 00					
1277	7.00	14.00	1.156E 02	2.088E 01	8.555E 00	2.443E 00	4.022E 00					
1278	7.00	15.00	1.026E 02	1.804E 01	7.785E 00	3.015E 00	4.234E 00					
1301	8.00	16.00	2.071E 02	3.625E 01	1.565E 01	6.072E 00	9.57E 01					
1302	8.00	17.00	2.645E 02	4.670E 01	2.002E 01	7.752E 00	1.058E 01					
1303	8.00	18.00	2.779E 02	4.828E 01	2.103E 01	8.013E 00	1.144E 01					
1304	8.00	19.00	1.158E 02	2.145E 01	8.856E 00	2.551E 00	1.77E 00					
1305	8.00	20.00	8.713E 01	1.547E 01	6.430E 00	1.824E 00	2.471E 00					
1306	8.00	21.00	6.531E 01	9.145E 00	3.941E 00	1.202E 00	1.560E 00					
1307	8.00	22.00	3.639E 02	6.233E 01	2.857E 01	1.595E 00	2.433E 00					
1308	8.00	23.00	1.877E 02	3.235E 01	2.855E 01	1.747E 00	2.433E 00					
1309	8.00	24.00	5.846E 01	1.715E 01	7.506E 00	3.265E 00	4.715E 00					
1421	9.00	25.00	2.132E 02	3.755E 01	1.602E 01	5.788E 00	8.265E 00					
1422	9.00	26.00	1.922E 02	3.350E 01	1.443E 01	5.017E 00	7.208E 00					
1423	9.00	27.00	1.695E 02	3.000E 01	1.127E 01	5.442E 00	6.250E 00					
1424	9.00	28.00	7.355E 02	1.273E 01	4.945E 01	3.235E 00	3.171E 00					
1425	9.00	29.00	2.004E 02	2.751E 01	1.513E 01	5.874E 00	8.665E 00					
1426	9.00	30.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1427	9.00	31.00	2.004E 02	2.751E 01	1.513E 01	5.874E 00	8.665E 00					
1428	9.00	32.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1429	9.00	33.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1430	9.00	34.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1431	9.00	35.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1432	9.00	36.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1433	9.00	37.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1434	9.00	38.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1435	9.00	39.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1436	9.00	40.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1437	9.00	41.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1438	9.00	42.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1439	9.00	43.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1440	9.00	44.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1441	9.00	45.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1442	9.00	46.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1443	9.00	47.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1444	9.00	48.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1445	9.00	49.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1446	9.00	50.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1447	9.00	51.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1448	9.00	52.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1449	9.00	53.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1450	9.00	54.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1451	9.00	55.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1452	9.00	56.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1453	9.00	57.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1454	9.00	58.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1455	9.00	59.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1456	9.00	60.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1457	9.00	61.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1458	9.00	62.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1459	9.00	63.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1460	9.00	64.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1461	9.00	65.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1462	9.00	66.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1463	9.00	67.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1464	9.00	68.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1465	9.00	69.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1466	9.00	70.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1467	9.00	71.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1468	9.00	72.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1469	9.00	73.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1470	9.00	74.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1471	9.00	75.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1472	9.00	76.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1473	9.00	77.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1474	9.00	78.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1475	9.00	79.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1476	9.00	80.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1477	9.00	81.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1478	9.00	82.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1479	9.00	83.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1480	9.00	84.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1481	9.00	85.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1482	9.00	86.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1483	9.00	87.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1484	9.00	88.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1485	9.00	89.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1486	9.00	90.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1487	9.00	91.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1488	9.00	92.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1489	9.00	93.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1490	9.00	94.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1491	9.00	95.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1492	9.00	96.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1493	9.00	97.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1494	9.00	98.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1495	9.00	99.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					
1496	9.00	100.00	2.552E 02	3.350E 01	1.451E 01	5.874E 00	8.665E 00					

MCNTH = MAY NAS MIRAMAR PERIOD = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPCTR		CONCENTRATION DATA FROM ENVIRON SOURCES										EXPECTED ARITHMETIC MEAN	
NUMBER	LOCATION												
		(KILMETERS) X	Y	CO	HC	(MICROGRAMS/CU. METER) NCX	PT	SO2					
145		5.00	4.00	2.085E 02	3.770E 01	1.636E 01	5.185E 00	1.157E 01					
150		5.00	5.00	1.220E 02	2.158E 01	9.504E 00	4.553E 00	6.605E 00					
151		5.00	6.00	7.650E 01	1.402E 01	5.885E 00	2.312E 00	3.23E 00					
152		5.00	8.00	6.856E 01	1.258E 01	4.236E 00	1.541E 00	3.276E 00					
153		5.00	8.00	5.728E 01	1.051E 01	4.361E 00	1.641E 00	2.245E 00					
154		5.00	5.00	5.285E 01	7.15E 00	4.022E 00	1.455E 00	3.05E 00					
155		5.00	10.00	2.081E 02	3.558E 01	1.654E 01	8.764E 00	1.329E 01					
156		5.00	11.00	2.129E 02	3.650E 01	1.676E 01	9.056E 00	1.376E 01					
157		5.00	12.00	1.065E 02	1.877E 01	8.255E 00	2.25E 00	5.75E 00					
158		5.00	13.00	2.886E 02	5.107E 01	2.182E 01	3.25E 00	1.75E 00					
159		5.00	14.00	2.743E 02	4.858E 01	2.070E 01	3.25E 00	1.08E 01					
160		5.00	15.00	2.542E 02	4.503E 01	1.915E 01	6.55E 00	5.00E 00					
161		5.00	16.00	3.811E 01	6.683E 01	2.895E 00	1.143E 00	5.647E 00					
162		5.00	17.00	8.357E 01	1.442E 01	6.313E 00	2.243E 00	5.605E 00					
163		5.00	3.00	1.203E 02	2.053E 01	9.036E 00	3.453E 00	1.7E 00					
164		5.00	4.00	2.756E 02	2.08E 02	9.895E 00	3.453E 00	1.806E 00					
165		5.00	10.00	1.032E 01	2.974E 01	9.571E 00	2.05E 00	1.785E 00					
166		5.00	5.00	3.285E 02	6.04E 01	2.723E 01	1.88E 00	8.25E 00					
167		5.00	7.00	1.114E 01	1.511E 01	6.181E 00	3.536E 00	4.026E 00					
168		5.00	10.00	6.265E 01	1.250E 01	5.042E 00	3.56E 00	4.04E 00					
169		5.00	10.00	6.455E 01	1.268E 01	5.181E 00	3.56E 00	4.55E 00					
170		5.00	10.00	7.633E 01	1.425E 01	5.956E 00	2.542E 00	4.087E 00					
171		5.00	10.00	3.078E 02	5.475E 01	2.366E 01	1.025E 00	1.458E 01					
172		5.00	10.00	3.322E 01	5.530E 01	2.522E 01	9.56E 00	1.421E 01					
173		5.00	11.00	3.33E 01	5.530E 01	2.522E 01	9.56E 00	1.421E 01					
174		5.00	12.00	3.33E 01	5.530E 01	2.522E 01	9.56E 00	1.421E 01					
175		5.00	14.00	3.358E 02	5.925E 01	2.544E 01	9.56E 00	1.333E 01					
176		5.00	15.00	3.288E 01	5.855E 00	1.414E 00	5.47E 00	8.015E 01					
177		5.00	16.00	1.866E 01	3.276E 00	1.414E 00	5.47E 00	8.015E 01					
178		5.00	17.00	9.057E 01	4.143E 01	1.074E 01	9.26E 00	5.875E 00					
179		5.00	18.00	2.765E 02	2.022E 02	5.635E 01	4.51E 00	4.252E 01					
180		5.00	19.00	4.996E 01	2.022E 02	5.635E 01	4.51E 00	4.252E 01					
181		5.00	4.00	5.895E 02	1.266E 01	5.184E 01	3.66E 00	5.45E 00					
182		5.00	5.00	6.507E 02	1.385E 01	5.442E 01	3.66E 00	5.45E 00					
183		5.00	6.00	1.605E 01	3.5315E 01	1.374E 01	5.61E 00	1.335E 01					
184		5.00	7.00	9.723E 01	2.108E 01	8.345E 00	5.542E 00	7.254E 00					
185		5.00	8.00	7.668E 01	1.681E 01	6.532E 00	5.542E 00	7.254E 00					

NAS MIRAMIR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

MCNTH = MAY

RECECTOR LOCATION		RECECTOR CONCENTRATION DATA FROM ENVIRON										EXPECTED ARITHMETIC MEAN	
RECECTOR NUMBER	(KILOMETERS) X	Y	CC	HC	(MICROGRAMS/CL. METER) NCX	PT	S02						
166	11.00	5.00	6.879E 01	1.487E 01	5.785E 00	3.425E 00	4.386E 00						
167	11.00	10.00	6.514E 01	1.375E 01	5.404E 00	3.041E 00	3.505E 00						
168	11.00	11.00	6.835E 01	1.358E 01	5.566E 00	3.010E 00	3.549E 00						
169	11.00	12.00	2.797E 02	5.058E 01	2.143E 01	5.565E 00	1.155E 01						
170	11.00	13.00	3.157E 02	5.711E 01	2.410E 01	5.428E 00	1.327E 01						
171	11.00	14.00	3.475E 02	6.255E 01	2.745E 01	1.011E 01	1.426E 01						
172	11.00	15.00	3.615E 02	6.466E 01	2.745E 01	1.035E 01	1.469E 01						
173	12.00	0.00	4.781E 00	8.37E 01	3.620E 01	1.401E 01	3.07E 01						
174	12.00	1.00	9.073E 00	1.500E 01	6.865E 01	2.652E 01	3.07E 01						
175	12.00	2.00	1.070E 02	5.84E 01	1.417E 01	1.345E 01	3.52E 00						
176	12.00	3.00	8.530E 01	4.556E 01	1.17E 01	1.52E 01	7.283E 01						
177	12.00	4.00	2.910E 02	4.555E 01	1.256E 01	1.862E 01	7.283E 01						
178	12.00	5.00	2.075E 02	4.555E 01	1.182E 01	1.340E 01	7.283E 01						
179	12.00	6.00	1.315E 02	2.555E 01	1.41E 01	3.05E 00	1.068E 01						
180	12.00	7.00	8.259E 01	2.555E 01	1.472E 01	5.022E 00	1.494E 00						
181	12.00	8.00	5.482E 01	2.555E 01	1.730E 01	5.022E 00	1.494E 00						
182	12.00	9.00	1.304E 02	1.557E 01	7.308E 00	4.355E 00	1.494E 00						
183	12.00	10.00	7.594E 01	1.74E 01	6.636E 00	4.355E 00	1.494E 00						
184	12.00	11.00	1.815E 02	3.554E 01	1.431E 01	6.455E 00	1.494E 00						
185	12.00	12.00	2.405E 02	4.517E 01	1.860E 01	7.645E 00	1.494E 00						
186	12.00	13.00	2.830E 02	5.524E 01	2.165E 01	9.534E 00	1.494E 00						
187	12.00	14.00	3.151E 02	5.524E 01	2.407E 01	9.534E 00	1.494E 00						
188	12.00	15.00	3.428E 02	6.24E 01	2.615E 01	1.097E 01	1.58E 01						
189	12.00	0.00	8.790E 01	1.554E 01	2.652E 01	1.58E 01	1.58E 01						
190	12.00	1.00	1.850E 02	3.345E 01	1.401E 01	1.58E 01	1.58E 01						
191	12.00	2.00	5.434E 01	1.321E 01	4.527E 00	2.615E 01	1.58E 01						
192	12.00	3.00	7.744E 01	1.321E 01	4.527E 00	2.615E 01	1.58E 01						
193	12.00	4.00	1.155E 02	2.255E 01	9.425E 00	4.715E 00	1.58E 01						
194	12.00	5.00	8.368E 01	2.071E 01	7.324E 00	4.715E 00	1.58E 01						
195	12.00	6.00	7.829E 01	1.550E 01	7.041E 00	4.715E 00	1.58E 01						
196	12.00	7.00	7.153E 01	1.550E 01	6.457E 00	4.715E 00	1.58E 01						
197	12.00	8.00	7.502E 01	1.813E 01	6.470E 00	4.715E 00	1.58E 01						
198	12.00	9.00	7.571E 01	1.813E 01	6.470E 00	4.715E 00	1.58E 01						
199	12.00	10.00	7.571E 01	1.813E 01	6.470E 00	4.715E 00	1.58E 01						
200	12.00	11.00	1.387E 02	2.555E 01	1.051E 01	5.022E 00	1.494E 00						
201	12.00	12.00	1.646E 02	2.555E 01	1.267E 01	5.022E 00	1.494E 00						
202	12.00	13.00	2.510E 02	4.555E 01	1.871E 01	7.045E 00	1.494E 00						

MCNTH = MAY NAS MIRAMIR PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECECTOR		RECECTOR CONCENTRATION DATA FROM ENVIRON SOURCES										EXPECTED ARITHMETIC MEAN	
NUMBER	LOCATION												
	(KILOMETERS)	(MICROGRAMS/CL. METER)										PT	SD2
	X	Y	CC	HC	NCX	PT	SD2						
222	13.00	14.00	2.694E-02	5.023E-01	2.065E-01	6.065E-00	1.081E-01						
224	13.00	15.00	2.326E-02	4.345E-01	1.787E-01	7.787E-00	1.507E-01						
225	14.00	0.00	1.167E-01	2.046E-02	8.834E-03	3.411E-03	5.504E-03						
226	14.00	1.00	3.303E-01	8.281E-02	2.875E-02	1.611E-02	1.717E-02						
228	14.00	3.00	2.691E-01	5.510E-01	1.980E-00	6.125E-01	4.755E-01						
230	14.00	4.00	1.029E-02	1.323E-01	7.583E-00	2.065E-00	1.16E-00						
231	14.00	5.00	8.798E-01	1.754E-01	6.757E-00	2.336E-00	1.335E-00						
232	14.00	6.00	6.935E-01	1.180E-01	5.675E-00	2.642E-00	1.683E-00						
233	14.00	7.00	4.975E-01	1.315E-01	4.866E-00	2.890E-00	1.2E-00						
234	14.00	8.00	5.379E-01	1.451E-01	4.900E-00	3.337E-00	1.40E-00						
235	14.00	9.00	5.915E-01	1.545E-01	5.326E-00	3.532E-00	1.40E-00						
236	14.00	10.00	6.234E-01	1.645E-01	5.556E-00	3.763E-00	1.72E-00						
237	14.00	11.00	9.396E-01	2.080E-01	7.893E-00	4.533E-00	2.54E-00						
238	14.00	12.00	1.137E-02	2.350E-01	5.290E-00	4.882E-00	2.103E-00						
239	14.00	13.00	2.148E-02	4.438E-01	1.656E-01	6.516E-00	1.51E-00						
240	14.00	14.00	2.344E-02	4.522E-01	1.755E-01	6.533E-00	1.51E-00						
241	14.00	15.00	1.916E-02	3.368E-01	1.475E-01	5.717E-00	1.24E-00						
242	14.00	16.00	1.125E-02	1.745E-03	8.525E-04	3.235E-04	4.65E-04						
243	14.00	17.00	2.965E-02	1.340E-02	5.205E-03	3.058E-04	1.258E-03						
244	14.00	18.00	3.019E-00	5.55E-01	2.033E-01	6.560E-02	2.16E-02						
245	14.00	19.00	1.330E-02	2.450E-01	9.667E-00	2.304E-00	2.310E-00						
246	14.00	20.00	5.955E-01	1.205E-01	4.566E-00	1.533E-00	1.30E-00						
247	14.00	21.00	3.945E-01	1.940E-00	3.309E-00	1.333E-00	1.330E-00						
248	14.00	22.00	3.962E-01	1.015E-01	3.493E-00	2.051E-00	1.64E-00						
250	14.00	23.00	4.512E-01	1.160E-01	4.023E-00	2.560E-00	2.74E-00						
251	14.00	24.00	6.486E-02	1.156E-01	1.081E-01	4.453E-00	2.12E-00						
252	14.00	25.00	1.381E-02	2.255E-01	1.443E-01	5.051E-00	2.64E-00						
253	14.00	26.00	1.651E-02	3.275E-01	1.281E-01	5.051E-00	2.64E-00						
254	14.00	27.00	2.053E-02	3.353E-01	1.575E-01	5.051E-00	2.64E-00						
255	14.00	28.00	1.900E-02	3.626E-01	1.455E-01	5.051E-00	2.64E-00						
256	14.00	29.00	1.866E-03	1.380E-04	1.957E-04	6.265E-05	5.47E-05						
257	14.00	30.00	2.284E-03	4.007E-04	1.730E-04	6.265E-05	5.47E-05						
258	14.00	31.00	2.367E-02	4.058E-03	1.707E-03	5.002E-04	6.158E-04						

MCNTH = MAY NAS MIRAMAR PERICC = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTECF NUMBER	RECEPTECF LOCATION				CONCENTRATION DATA FROM ENVIRON				SCURCES				EXPECTED ARITHMETIC MEAN			
	(KILCMETERS) X				Y				(MICROGRAMS/CL. METER)				PT			
									CC	HC	NCX					SC2
260	16.00	3.00			1.227E-01	2.545E-02			1.208E-02	9.570E-03	3.871E-03		3.871E-03			3.871E-03
261	16.00	4.00			1.208E-02	2.093E-01			9.570E-03	8.611E-00	1.850E-00		1.850E-00			2.004E-00
262	16.00	5.00			1.458E-02	2.544E-01			1.043E-01	1.043E-01	2.24E-00		2.24E-00			2.546E-00
263	16.00	6.00			1.5052E-01	9.375E-00			2.573E-00	2.573E-00	9.520E-01		9.520E-01			2.546E-00
264	16.00	7.00			3.258E-01	6.947E-00					5.57E-01		5.57E-01			2.546E-01
265	16.00	8.00			3.095E-01	7.247E-00			2.565E-00	2.565E-00	1.234E-00		1.234E-00			1.234E-00
266	16.00	9.00			3.464E-01	8.475E-00			2.565E-00	2.565E-00	1.850E-00		1.850E-00			1.850E-00
267	16.00	10.00			4.145E-01	1.011E-01			3.575E-00	3.575E-00	2.011E-00		2.011E-00			2.011E-00
268	16.00	11.00			4.775E-01	1.151E-01			4.125E-00	4.125E-00	2.447E-00		2.447E-00			2.447E-00
269	16.00	12.00			1.172E-02	2.385E-01			1.170E-01	1.170E-01	4.435E-00		4.435E-00			4.435E-00
270	16.00	13.00			1.520E-02	2.995E-01										5.511E-00
271	16.00	14.00			1.673E-02	3.255E-01			1.282E-01	1.282E-01	4.727E-00		4.727E-00			5.511E-00
272	16.00	15.00			1.231E-05	6.947E-00			9.570E-03	9.570E-03	4.057E-00		4.057E-00			5.511E-00
273	17.00	0.00			3.988E-01	2.093E-01					1.155E-00		1.155E-00			1.155E-00
274	17.00	1.00			1.865E-04	2.080E-00			8.97E-00	8.97E-00	3.471E-01		3.471E-01			3.471E-01
275	17.00	2.00			1.778E-01	3.000E-00			2.563E-00	2.563E-00	5.358E-01		5.358E-01			5.358E-01
276	17.00	3.00			3.553E-01	6.225E-00										5.358E-01
277	17.00	4.00			5.913E-01	1.025E-01			4.218E-00	4.218E-00	8.507E-01		8.507E-01			8.507E-01
278	17.00	5.00			5.897E-01	1.185E-01			4.900E-00	4.900E-00	7.104E-01		7.104E-01			7.104E-01
279	17.00	6.00			5.954E-01	6.947E-00			2.833E-00	2.833E-00	1.745E-01		1.745E-01			1.745E-01
280	17.00	7.00			2.573E-01	4.933E-00			1.917E-00	1.917E-00	5.765E-01		5.765E-01			5.765E-01
281	17.00	8.00			2.544E-01	5.155E-00			1.917E-00	1.917E-00	7.333E-01		7.333E-01			7.333E-01
282	17.00	9.00			2.688E-01	6.000E-00			2.186E-00	2.186E-00	5.504E-01		5.504E-01			5.504E-01
283	17.00	10.00			3.094E-01	7.237E-00			2.584E-00	2.584E-00	1.217E-00		1.217E-00			1.217E-00
284	17.00	11.00			5.895E-01	1.155E-01			5.846E-00	5.846E-00	1.248E-00		1.248E-00			1.248E-00
285	17.00	12.00			7.373E-01											2.546E-00
286	17.00	13.00			9.375E-01	1.209E-01			7.204E-00	7.204E-00	3.571E-00		3.571E-00			3.571E-00
287	17.00	14.00			1.307E-02	2.093E-01			1.886E-00	1.886E-00	3.535E-00		3.535E-00			3.535E-00
288	17.00	15.00			1.009E-02	2.093E-01			1.886E-00	1.886E-00	3.535E-00		3.535E-00			3.535E-00
289	18.00	0.00			1.467E-06	2.573E-07			1.11E-07	1.11E-07	4.300E-08		4.300E-08			4.300E-08
290	18.00	1.00			1.095E-05	1.209E-06			1.209E-06	1.209E-06	2.255E-06		2.255E-06			2.255E-06
291	18.00	2.00			3.110E-05	-4.833E-06										2.255E-06
292	18.00	3.00			1.533E-01	2.605E-00			1.080E-00	1.080E-00	2.544E-01		2.544E-01			2.544E-01
293	18.00	4.00			1.723E-01	2.985E-00			2.225E-00	2.225E-00	3.535E-00		3.535E-00			3.535E-00
294	18.00	5.00			3.775E-01	3.333E-00			2.655E-00	2.655E-00	3.535E-00		3.535E-00			3.535E-00
295	18.00	6.00			3.578E-01	3.000E-00			2.516E-00	2.516E-00	3.416E-01		3.416E-01			3.416E-01
296	18.00	7.00			1.884E-01	3.333E-00			1.364E-00	1.364E-00	3.466E-01		3.466E-01			3.466E-01

MCNTH = MAY NAS MIRAMIR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTECH		RECEPTECH CONCENTRATION DATA FROM ENVIRON										SCIPES					
NUMEEF		RECEPTECH LOCATION										EXPECTED ARITHMETIC MEAN					
		(KILGMEETERS)		Y		X		CC		PC		(MICROGRAMS/CC. METER)		PT		S02	

NAS MIRAMAR
PERICE = 1200 TO 1300 HOURS CN A WEEKDAY

MCNTH = MAY

RECEPTOR CONCENTRATION DATA FROM ENVIRON SCURCES									
RECEPTOR LOCATION		EXPECTED ARITHMETIC MEAN							
RECEPTOR NUMBER	RECEPTOR LOCATION	(KILOMETERS)		CC	(MICROGRAMS/CL. METER)		NCX	PT	SO2
		X	Y		HC	FT			
334	20.00	13.00	4.239E-01	8.101E-00	3.165E-00	1.124E-00	1.124E-00	1.124E-00	1.124E-00
333	20.00	14.00	5.349E-01	8.101E-00	3.000E-00	1.422E-00	1.422E-00	1.422E-00	1.422E-00
332	20.00	15.00	4.310E-01	8.101E-00	3.347E-00	1.354E-00	1.354E-00	1.354E-00	1.354E-00
331	10.00	0.00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00
330	2.00	1.00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00
329	2.00	2.00	3.18E-01	5.25E-02	2.20E-02	5.54E-03	5.54E-03	5.54E-03	5.54E-03
340	1.00	3.00	9.15E-01	1.54E-01	6.34E-02	1.70E-02	1.70E-02	1.70E-02	1.70E-02
341	1.00	4.00	1.990E-00	3.22E-01	1.380E-01	1.71E-02	1.71E-02	1.71E-02	1.71E-02
342	1.00	5.00	7.80E-01	1.35E-01	5.53E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02
343	1.00	6.00	9.42E-01	1.69E-01	6.85E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02
344	1.00	7.00	4.05E-01	1.68E-01	2.87E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
345	1.00	8.00	4.14E-01	6.90E-02	2.89E-02	7.50E-03	7.50E-03	7.50E-03	7.50E-03
346	1.00	9.00	2.69E-01	3.92E-02	1.67E-02	4.23E-03	4.23E-03	4.23E-03	4.23E-03
347	1.00	10.00	2.20E-01	3.83E-02	1.74E-02	5.20E-03	5.20E-03	5.20E-03	5.20E-03
348	1.00	11.00	2.41E-01	4.31E-02	1.74E-02	6.06E-03	6.06E-03	6.06E-03	6.06E-03
349	1.00	12.00	2.70E-01	4.96E-02	1.98E-02	7.15E-03	7.15E-03	7.15E-03	7.15E-03
350	1.00	13.00	2.47E-01	5.83E-02	2.27E-02	8.45E-03	8.45E-03	8.45E-03	8.45E-03
351	1.00	14.00	3.00E-01	5.83E-02	2.27E-02	8.45E-03	8.45E-03	8.45E-03	8.45E-03
352	1.00	15.00	2.85E-01	5.83E-02	2.27E-02	8.45E-03	8.45E-03	8.45E-03	8.45E-03
353	1.00	16.00	3.07E-01	6.44E-02	2.65E-02	9.31E-03	9.31E-03	9.31E-03	9.31E-03
354	1.00	17.00	3.72E-01	6.44E-02	2.65E-02	9.31E-03	9.31E-03	9.31E-03	9.31E-03
355	2.00	2.00	1.76E-01	3.07E-02	1.26E-02	2.62E-03	2.62E-03	2.62E-03	2.62E-03
356	2.00	4.00	1.08E-01	2.60E-02	1.05E-02	2.62E-03	2.62E-03	2.62E-03	2.62E-03
357	2.00	6.00	2.82E-01	4.62E-02	1.95E-02	5.27E-03	5.27E-03	5.27E-03	5.27E-03
358	3.00	5.00	2.60E-01	4.46E-02	1.84E-02	4.01E-03	4.01E-03	4.01E-03	4.01E-03
359	3.00	7.00	2.02E-01	3.52E-02	1.42E-02	3.33E-03	3.33E-03	3.33E-03	3.33E-03
360	3.00	9.00	2.02E-01	3.52E-02	1.42E-02	3.33E-03	3.33E-03	3.33E-03	3.33E-03
361	5.00	5.00	1.54E-01	3.03E-02	1.09E-02	2.61E-03	2.61E-03	2.61E-03	2.61E-03
362	5.00	7.00	1.76E-01	3.03E-02	1.09E-02	2.61E-03	2.61E-03	2.61E-03	2.61E-03
363	10.00	10.00	1.85E-01	3.20E-02	1.31E-02	2.61E-03	2.61E-03	2.61E-03	2.61E-03
364	11.00	11.00	2.03E-01	3.51E-02	1.45E-02	4.82E-03	4.82E-03	4.82E-03	4.82E-03
365	11.00	13.00	1.80E-01	3.20E-02	1.29E-02	4.47E-03	4.47E-03	4.47E-03	4.47E-03
366	11.00	15.00	1.74E-01	3.20E-02	1.29E-02	4.47E-03	4.47E-03	4.47E-03	4.47E-03
367	15.00	15.00	1.85E-01	3.52E-02	1.42E-02	5.27E-03	5.27E-03	5.27E-03	5.27E-03
368	15.00	17.00	2.07E-01	4.02E-02	1.60E-02	6.06E-03	6.06E-03	6.06E-03	6.06E-03
369	15.00	19.00	2.07E-01	4.02E-02	1.60E-02	6.06E-03	6.06E-03	6.06E-03	6.06E-03
370	20.00	20.00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00	0.000E-00

NAS MIRAMAR
PERICC = 1200 TO 1300 HOURS ON A WEEKDAY

MCATH = MAY

RECEPTOR LOCATION		RECEPTOR CONCENTRATION DATA FROM ENVIRON SOURCES									
RECEPTOR LOCATION		EXPECTED ARITHMETIC MEAN									
RECEPTOR ALWEEF	X	(KILOMETERS) Y		(MICROGRAMS/CU. METER)							
				CO	HC	NCX	PT	SO2			
371	23.00	2.00		1.45E-07	2.404E-06	1.00EE-08	-2.15E-05	2.715E-05			
372	23.00	3.00		1.723E-03	1.157E-03	5.022E-04	1.352E-04	1.352E-04			
373	23.00	4.00		2.09E-02	2.786E-03	1.587E-03	4.270E-04	4.276E-04			
374	23.00	5.00		2.50E-00	4.301E-01	1.777E-01	3.94E-02	4.310E-02			
375	23.00	6.00		3.57E-00	6.125E-01	2.533E-01	5.57E-02	6.160E-02			
376	23.00	7.00		5.52E-00	9.422E-01	3.905E-01	8.00E-02	9.61E-02			
377	23.00	8.00		6.42E-00	1.170E-00	4.582E-01	1.35E-01	1.144E-01			
378	23.00	9.00		1.021E-01	1.175E-00	7.244E-01	2.01E-01	1.153E-01			
379	23.00	10.00		1.20E-01	2.145E-00	8.840E-01	2.26E-01	2.737E-01			
380	23.00	11.00		1.40E-01	2.572E-00	1.052E-00	2.37E-01	3.40E-01			
381	23.00	12.00		1.31E-01	2.338E-00	9.442E-01	2.85E-01	3.565E-01			
382	23.00	13.00		1.64E-01	2.485E-00	9.87E-01	3.30E-01	2.55E-01			
383	23.00	14.00		1.47E-01	2.770E-00	1.085E-00	3.55E-01	3.875E-01			
384	23.00	15.00		1.64E-01	3.182E-00	1.230E-00	4.05E-01	4.750E-01			
385	24.00	0.00		0.00	0.444E-11	0.00	0.00	0.00			
386	24.00	1.00		3.88E-10	6.444E-11	2.702E-11	7.26E-12	7.26E-12			
387	24.00	2.00		6.36E-05	1.048E-05	4.392E-06	1.18E-06	1.18E-06			
388	24.00	3.00		2.72E-04	4.501E-05	1.88EE-05	5.84E-06	5.08E-06			
389	24.00	4.00		1.22E-02	5.01E-05	5.52E-05	1.84E-06	2.08E-06			
390	24.00	5.00		6.22E-02	1.066E-02	4.412E-02	1.98E-04	1.082E-03			
391	24.00	6.00		4.24E-01	7.343E-02	3.03EE-02	1.03E-03	7.423E-03			
392	24.00	7.00		2.90E-00	2.035E-01	2.079E-01	3.63E-02	3.85E-02			
393	24.00	8.00		2.91E-00	5.031E-01	2.079E-01	5.47E-02	5.845E-02			
394	24.00	9.00		4.74E-00	8.207E-01	3.38EE-01	1.35E-02	5.68E-02			
395	24.00	10.00		6.99E-00	1.154E-00	6.35E-01	1.18E-01	1.537E-01			
396	24.00	11.00		8.98E-00	1.582E-00	6.43EE-01	1.75E-01	8.95E-01			
397	24.00	12.00		9.98E-00	1.809E-00	7.28EE-01	2.01E-01	1.236E-01			
398	24.00	13.00		1.005E-01	2.085E-00	8.297E-01	2.64E-01	2.736E-01			
399	24.00	14.00		1.11E-01	2.085E-00	8.297E-01	2.64E-01	2.736E-01			
400	24.00	15.00		1.273E-01	2.415E-00	9.485E-01	3.24E-01	3.353E-01			

NAS MIRAMIR
PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRPORT SOURCES											
RECEPTOR		RECEPTOR LOCATION		EXPECTED ARITHMETIC MEAN							
NUMBER		(KILMETER)S		CD	HC	(MICROGRAMS/CL. METER)		FT	SO2		
		X	Y			NCX					
1	2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	2	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4	2	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	2	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7	5	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
8	5	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9	2	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
10	2	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
11	2	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	2	0.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
13	5	0.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
14	5	0.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
15	5	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	5	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	5	0.00	14.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	5	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	5	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	5	0.00	17.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	5	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	5	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	5	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	5	0.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	5	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
26	5	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
27	5	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28	5	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
29	5	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
30	5	0.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
31	5	0.00	28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
32	5	0.00	29.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
33	5	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
34	5	0.00	31.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
35	5	0.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
36	5	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
37	5	0.00	34.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
38	5	0.00	35.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
39	5	0.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
40	5	0.00	37.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
41	5	0.00	38.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
42	5	0.00	39.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
43	5	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
44	5	0.00	41.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
45	5	0.00	42.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
46	5	0.00	43.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
47	5	0.00	44.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
48	5	0.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
49	5	0.00	46.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
50	5	0.00	47.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
51	5	0.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
52	5	0.00	49.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
53	5	0.00	50.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
54	5	0.00	51.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
55	5	0.00	52.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
56	5	0.00	53.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
57	5	0.00	54.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
58	5	0.00	55.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
59	5	0.00	56.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
60	5	0.00	57.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
61	5	0.00	58.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
62	5	0.00	59.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
63	5	0.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
64	5	0.00	61.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
65	5	0.00	62.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
66	5	0.00	63.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
67	5	0.00	64.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
68	5	0.00	65.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
69	5	0.00	66.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
70	5	0.00	67.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
71	5	0.00	68.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
72	5	0.00	69.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
73	5	0.00	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
74	5	0.00	71.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
75	5	0.00	72.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
76	5	0.00	73.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
77	5	0.00	74.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
78	5	0.00	75.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
79	5	0.00	76.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
80	5	0.00	77.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
81	5	0.00	78.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
82	5	0.00	79.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
83	5	0.00	80.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
84	5	0.00	81.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
85	5	0.00	82.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
86	5	0.00	83.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
87	5	0.00	84.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
88	5	0.00	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
89	5	0.00	86.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
90	5	0.00	87.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
91	5	0.00	88.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
92	5	0.00	89.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
93	5	0.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
94	5	0.00	91.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
95	5	0.00	92.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
96	5	0.00	93.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
97	5	0.00	94.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
98	5	0.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
99	5	0.00	96.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100	5	0.00	97.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

NAS MIRAMIR
 MCNTH = MAY PERIOD = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRPORT SOUTHWEST									
EXPECTED ARITHMETIC MEAN									
RECEPTOR NUMBER	RECEPTOR LOCATION	(MICROGRAMS/CL. METER)							
	(KILOMETERS)	CO	PC	NOX	PT	SO2			
33	2.00	0.00	0.00	0.00	0.00	0.00			
34	5.00	0.00	0.00	0.00	0.00	0.00			
40	3.00	0.00	0.00	0.00	0.00	0.00			
42	5.00	0.00	0.00	0.00	0.00	0.00			
43	10.00	0.00	0.00	0.00	0.00	0.00			
44	11.00	0.00	0.00	0.00	0.00	0.00			
45	12.00	0.00	0.00	0.00	0.00	0.00			
46	2.00	0.00	0.00	0.00	0.00	0.00			
47	1.00	0.00	0.00	0.00	0.00	0.00			
48	2.00	0.00	0.00	0.00	0.00	0.00			
49	3.00	0.00	0.00	0.00	0.00	0.00			
50	1.00	0.00	0.00	0.00	0.00	0.00			
51	2.00	0.00	0.00	0.00	0.00	0.00			
52	3.00	0.00	0.00	0.00	0.00	0.00			
53	4.00	0.00	0.00	0.00	0.00	0.00			
54	5.00	0.00	0.00	0.00	0.00	0.00			
55	6.00	0.00	0.00	0.00	0.00	0.00			
56	7.00	0.00	0.00	0.00	0.00	0.00			
57	8.00	0.00	0.00	0.00	0.00	0.00			
58	9.00	0.00	0.00	0.00	0.00	0.00			
59	10.00	0.00	0.00	0.00	0.00	0.00			
60	11.00	0.00	0.00	0.00	0.00	0.00			
61	12.00	0.00	0.00	0.00	0.00	0.00			
62	13.00	0.00	0.00	0.00	0.00	0.00			
63	14.00	0.00	0.00	0.00	0.00	0.00			
64	15.00	0.00	0.00	0.00	0.00	0.00			
65	16.00	0.00	0.00	0.00	0.00	0.00			
66	17.00	0.00	0.00	0.00	0.00	0.00			
67	18.00	0.00	0.00	0.00	0.00	0.00			
68	19.00	0.00	0.00	0.00	0.00	0.00			
69	20.00	0.00	0.00	0.00	0.00	0.00			
70	21.00	0.00	0.00	0.00	0.00	0.00			
71	22.00	0.00	0.00	0.00	0.00	0.00			
72	23.00	0.00	0.00	0.00	0.00	0.00			
73	24.00	0.00	0.00	0.00	0.00	0.00			

MONTH = MAY
 NAS MIRAMAR
 PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR NUMBER	RECEPTOR LOCATION		RECEPTOR CONCENTRATION DATA FROM AIRPORT SOURCES									
	(KILOMETERS) X	(KILOMETERS) Y	CO	HC	(MICROGRAMS/CL. METER) NCX	PT	SO2	EXPECTED ARITHMETIC MEAN				
75	4.00	10.00	0.0	0.0	0.0	0.0	0.0					
76	4.00	11.00	0.0	0.0	0.0	0.0	0.0					
77	4.00	12.00	0.0	0.0	0.0	0.0	0.0					
78	4.00	13.00	0.0	0.0	0.0	0.0	0.0					
79	4.00	14.00	0.0	0.0	0.0	0.0	0.0					
80	4.00	15.00	0.0	0.0	0.0	0.0	0.0					
81	5.00	0.0	0.0	0.0	0.0	0.0	0.0					
82	5.00	1.00	0.0	0.0	0.0	0.0	0.0					
83	5.00	2.00	0.0	0.0	0.0	0.0	0.0					
84	5.00	3.00	0.0	0.0	0.0	0.0	0.0					
85	5.00	4.00	0.0	0.0	0.0	0.0	0.0					
86	5.00	5.00	0.0	0.0	0.0	0.0	0.0					
87	5.00	6.00	0.0	0.0	0.0	0.0	0.0					
88	5.00	7.00	0.0	0.0	0.0	0.0	0.0					
89	5.00	8.00	0.0	0.0	0.0	0.0	0.0					
90	5.00	9.00	0.0	0.0	0.0	0.0	0.0					
91	5.00	10.00	0.0	0.0	0.0	0.0	0.0					
92	5.00	11.00	0.0	0.0	0.0	0.0	0.0					
93	5.00	12.00	0.0	0.0	0.0	0.0	0.0					
94	5.00	13.00	0.0	0.0	0.0	0.0	0.0					
95	5.00	14.00	0.0	0.0	0.0	0.0	0.0					
96	5.00	15.00	0.0	0.0	0.0	0.0	0.0					
97	6.00	0.0	0.0	0.0	0.0	0.0	0.0					
98	6.00	1.00	0.0	0.0	0.0	0.0	0.0					
99	6.00	2.00	0.0	0.0	0.0	0.0	0.0					
100	6.00	3.00	0.0	0.0	0.0	0.0	0.0					
101	6.00	4.00	0.0	0.0	0.0	0.0	0.0					
102	6.00	5.00	0.0	0.0	0.0	0.0	0.0					
103	6.00	6.00	0.0	0.0	0.0	0.0	0.0					
104	6.00	7.00	0.0	0.0	0.0	0.0	0.0					
105	6.00	8.00	0.0	0.0	0.0	0.0	0.0					
106	6.00	9.00	0.0	0.0	0.0	0.0	0.0					
107	6.00	10.00	0.0	0.0	0.0	0.0	0.0					
108	6.00	11.00	0.0	0.0	0.0	0.0	0.0					
109	6.00	12.00	0.0	0.0	0.0	0.0	0.0					
110	6.00	13.00	0.0	0.0	0.0	0.0	0.0					
111	6.00	14.00	0.0	0.0	0.0	0.0	0.0					

MCNTF = MAY NAS MIRAMAR PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEP NUMBR	RECEP LOCATION		CONCENTRATION DATA FROM AIRPORT										SCUFES	
	RECEP LOCATION		EXPECTED ARITHMETIC MEAN										SCUFES	
	(KILOMETERS) X	(KILOMETERS) Y	CC	HC	NCX	(MICROGRAMS/CL. METER)	FT	SC2						
1123	5.00	15.00	5.69E-10	3.42E-10	5.71E-10	1.33E-11	2.04E-11	0.00						
1124	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
1114	7.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00						
1115	7.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00						
1117	7.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00						
1118	7.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00						
1120	7.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00						
1121	7.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00						
1122	7.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00						
1241	7.00	11.00	9.76E-14	1.34E-14	-1.35E-13	-2.71E-15	4.78E-15	0.00						
1242	7.00	12.00	5.80E-10	8.00E-11	8.04E-10	1.61E-11	2.84E-11	0.00						
1271	7.00	14.00	1.94E-08	1.37E-08	1.78E-08	4.24E-10	6.21E-10	0.00						
1272	8.00	15.00	2.03E-07	2.10E-07	1.31E-07	3.52E-09	4.86E-09	0.00						
1301	8.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00						
1311	8.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00						
1334	8.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00						
1335	8.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00						
1336	8.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00						
1337	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00						
1338	8.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00						
1339	8.00	10.00	3.52E-06	4.85E-07	4.88E-06	5.74E-08	1.26E-07	1.26E-07						
1401	8.00	11.00	7.71E-07	1.06E-06	1.07E-06	2.14E-08	3.78E-08	3.78E-08						
1411	8.00	12.00	1.09E-07	3.15E-08	1.38E-07	2.85E-09	4.51E-09	4.51E-09						
1421	8.00	13.00	1.01E-06	8.93E-07	7.96E-06	2.12E-08	3.56E-08	3.56E-08						
1422	8.00	14.00	5.45E-05	6.37E-06	3.03E-06	5.53E-08	8.78E-08	8.78E-08						
1441	8.00	15.00	2.76E-05	2.24E-05	7.90E-06	3.02E-07	3.02E-07	3.02E-07						
1451	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
1452	8.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00						
1471	8.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00						
1481	8.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00						

MCNTH = MAY NAS MIRAFAR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRPORT SOURCES									
RECEPTOR NAME	RECEPTOR LOCATION	EXPECTED ARITHMETIC MEAN							
	(KILOMETERS) Y	CC	PC	NGX	FT	SO2			
145	5.00	0.00	0.00	0.00	0.00	0.00			
146	5.00	0.00	0.00	0.00	0.00	0.00			
151	5.00	0.00	0.00	0.00	0.00	0.00			
152	5.00	0.00	0.00	0.00	0.00	0.00			
154	5.00	0.00	0.00	0.00	0.00	0.00			
155	5.00	0.00	0.00	0.00	0.00	0.00			
157	5.00	0.00	0.00	0.00	0.00	0.00			
158	5.00	0.00	0.00	0.00	0.00	0.00			
159	5.00	0.00	0.00	0.00	0.00	0.00			
160	5.00	0.00	0.00	0.00	0.00	0.00			
161	5.00	0.00	0.00	0.00	0.00	0.00			
162	5.00	0.00	0.00	0.00	0.00	0.00			
163	5.00	0.00	0.00	0.00	0.00	0.00			
164	5.00	0.00	0.00	0.00	0.00	0.00			
165	5.00	0.00	0.00	0.00	0.00	0.00			
166	5.00	0.00	0.00	0.00	0.00	0.00			
167	5.00	0.00	0.00	0.00	0.00	0.00			
168	5.00	0.00	0.00	0.00	0.00	0.00			
169	5.00	0.00	0.00	0.00	0.00	0.00			
170	5.00	0.00	0.00	0.00	0.00	0.00			
171	5.00	0.00	0.00	0.00	0.00	0.00			
172	5.00	0.00	0.00	0.00	0.00	0.00			
173	5.00	0.00	0.00	0.00	0.00	0.00			
174	5.00	0.00	0.00	0.00	0.00	0.00			
175	5.00	0.00	0.00	0.00	0.00	0.00			
176	5.00	0.00	0.00	0.00	0.00	0.00			
177	5.00	0.00	0.00	0.00	0.00	0.00			
178	5.00	0.00	0.00	0.00	0.00	0.00			
179	5.00	0.00	0.00	0.00	0.00	0.00			
180	5.00	0.00	0.00	0.00	0.00	0.00			
181	5.00	0.00	0.00	0.00	0.00	0.00			
182	5.00	0.00	0.00	0.00	0.00	0.00			
183	5.00	0.00	0.00	0.00	0.00	0.00			
184	5.00	0.00	0.00	0.00	0.00	0.00			
185	5.00	0.00	0.00	0.00	0.00	0.00			
186	5.00	0.00	0.00	0.00	0.00	0.00			
187	5.00	0.00	0.00	0.00	0.00	0.00			
188	5.00	0.00	0.00	0.00	0.00	0.00			
189	5.00	0.00	0.00	0.00	0.00	0.00			
190	5.00	0.00	0.00	0.00	0.00	0.00			
191	5.00	0.00	0.00	0.00	0.00	0.00			
192	5.00	0.00	0.00	0.00	0.00	0.00			
193	5.00	0.00	0.00	0.00	0.00	0.00			
194	5.00	0.00	0.00	0.00	0.00	0.00			
195	5.00	0.00	0.00	0.00	0.00	0.00			
196	5.00	0.00	0.00	0.00	0.00	0.00			
197	5.00	0.00	0.00	0.00	0.00	0.00			
198	5.00	0.00	0.00	0.00	0.00	0.00			
199	5.00	0.00	0.00	0.00	0.00	0.00			
200	5.00	0.00	0.00	0.00	0.00	0.00			

NAS MIRAMAR
PERICC = 1200 TC 1300 HOURS CN A WEEKDAY

RECEPTECH		RECEPTECH CONCENTRATION DATA FROM AIRPORT										SCUFES	
NUMBER		RECEPTECH LOCATION										EXPECTED ARITHMETIC MEAN	
		(KILOMETERS)		CD		FC		(MICROGRAMS/CL. METER)		FT		SC2	
		X	Y					NCX					
186		11.00	5.00	1.105E-01		2.618E-04		2.853E-04		2.470E-04		1.318E-05	
187		11.00	10.00	4.924E-01		9.886E-01		1.763E-01		7.027E-03		9.766E-03	
188		11.00	11.00	3.341E-01		6.240E-01		8.130E-03		4.644E-03		9.350E-03	
189		11.00	12.00	1.266E-01		2.046E-01		2.476E-02		1.577E-03		1.058E-03	
190		11.00	13.00	6.942E-02		1.12E-01		1.352E-02		3.683E-03		5.49E-04	
191		11.00	14.00	5.086E-02		7.47E-02		1.101E-02		7.827E-03		5.49E-04	
192		11.00	15.00	4.400E-02		6.268E-02		1.106E-02		7.448E-03		5.058E-04	
193		12.00	0.00	0.00		0.00		0.00		0.00		0.00	
194		12.00	1.00	0.00		0.00		0.00		0.00		0.00	
195		12.00	2.00	0.00		0.00		0.00		0.00		0.00	
196		12.00	3.00	0.00		0.00		0.00		0.00		0.00	
197		12.00	4.00	0.00		0.00		0.00		0.00		0.00	
198		12.00	5.00	0.00		0.00		0.00		0.00		0.00	
199		13.00	0.00	0.00		0.00		0.00		0.00		0.00	
200		13.00	1.00	0.00		0.00		0.00		0.00		0.00	
201		13.00	2.00	0.00		0.00		0.00		0.00		0.00	
202		13.00	3.00	0.00		0.00		0.00		0.00		0.00	
203		13.00	4.00	0.00		0.00		0.00		0.00		0.00	
204		13.00	5.00	0.00		0.00		0.00		0.00		0.00	
205		13.00	6.00	0.00		0.00		0.00		0.00		0.00	
206		13.00	7.00	0.00		0.00		0.00		0.00		0.00	
207		13.00	8.00	0.00		0.00		0.00		0.00		0.00	
208		13.00	9.00	0.00		0.00		0.00		0.00		0.00	
209		13.00	10.00	0.00		0.00		0.00		0.00		0.00	
210		13.00	11.00	0.00		0.00		0.00		0.00		0.00	
211		13.00	12.00	0.00		0.00		0.00		0.00		0.00	
212		13.00	13.00	0.00		0.00		0.00		0.00		0.00	
213		13.00	14.00	0.00		0.00		0.00		0.00		0.00	
214		13.00	15.00	0.00		0.00		0.00		0.00		0.00	
215		13.00	16.00	0.00		0.00		0.00		0.00		0.00	
216		13.00	17.00	0.00		0.00		0.00		0.00		0.00	
217		13.00	18.00	0.00		0.00		0.00		0.00		0.00	
218		13.00	19.00	0.00		0.00		0.00		0.00		0.00	
219		13.00	20.00	0.00		0.00		0.00		0.00		0.00	
220		13.00	21.00	0.00		0.00		0.00		0.00		0.00	
221		13.00	22.00	0.00		0.00		0.00		0.00		0.00	
222		13.00	23.00	0.00		0.00		0.00		0.00		0.00	

NAS MIRAMAR
PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRPORT SOURCES									
RECEPTOR NUMBER	RECEPTOR LOCATION	EXPECTED ARITHMETIC MEAN							
	(KILOMETERS) X	(KILOMETERS) Y	CC	FC	(MICROGRAMS) NCX	FT	SG2		
260	16.00	3.00	0.00	0.00	0.00	0.00	0.00		
261	16.00	4.00	0.00	0.00	0.00	0.00	0.00		
262	16.00	5.00	0.00	0.00	0.00	0.00	0.00		
263	16.00	6.00	0.00	0.00	0.00	0.00	0.00		
264	16.00	7.00	1.173E-08	1.615E-05	1.622E-08	3.266E-10	5.754E-10		
265	16.00	8.00	2.683E-07	3.703E-06	3.722E-07	7.466E-05	1.316E-05		
266	16.00	9.00	2.394E-06	3.303E-06	3.320E-06	6.611E-05	1.174E-07		
267	16.00	10.00	6.786E-05	1.015E-05	9.345E-05	1.882E-06	3.304E-06		
268	16.00	11.00	6.948E-04	2.530E-04	7.891E-04	9.471E-05	3.642E-05		
269	16.00	12.00	1.130E-02	2.245E-02	8.000E-02	8.631E-02	2.521E-04		
270	16.00	13.00	8.505E-02	2.560E-02	5.565E-02	7.511E-02	2.565E-04		
271	16.00	14.00	2.460E-01	7.176E-02	1.575E-01	3.182E-01	4.571E-04		
272	16.00	15.00	4.237E-01	1.020E-01	2.667E-01	3.703E-01	7.386E-04		
273	17.00	1.00	0.00	0.00	0.00	0.00	0.00		
274	17.00	2.00	0.00	0.00	0.00	0.00	0.00		
275	17.00	3.00	0.00	0.00	0.00	0.00	0.00		
276	17.00	4.00	0.00	0.00	0.00	0.00	0.00		
277	17.00	5.00	0.00	0.00	0.00	0.00	0.00		
278	17.00	6.00	0.00	0.00	0.00	0.00	0.00		
279	17.00	7.00	0.00	0.00	0.00	0.00	0.00		
280	17.00	8.00	0.00	0.00	0.00	0.00	0.00		
281	17.00	9.00	0.00	0.00	0.00	0.00	0.00		
282	17.00	10.00	1.832E-08	2.522E-05	2.541E-08	5.058E-10	8.983E-10		
283	17.00	11.00	3.706E-06	5.251E-07	5.129E-06	1.030E-07	1.813E-07		
284	17.00	12.00	9.116E-04	1.825E-04	9.113E-04	2.765E-06	1.213E-06		
285	17.00	13.00	9.169E-04	4.330E-04	7.886E-04	4.102E-04	1.959E-05		
286	17.00	14.00	1.466E-02	4.330E-03	7.724E-03	9.228E-03	7.317E-05		
287	17.00	15.00	5.887E-02	1.916E-02	3.759E-02	5.115E-02	1.845E-04		
288	17.00	16.00	1.545E-01	4.867E-01	5.811E-02	1.355E-01	3.464E-04		
289	18.00	1.00	0.00	0.00	0.00	0.00	0.00		
290	18.00	2.00	0.00	0.00	0.00	0.00	0.00		
291	18.00	3.00	0.00	0.00	0.00	0.00	0.00		
292	18.00	4.00	0.00	0.00	0.00	0.00	0.00		
293	18.00	5.00	0.00	0.00	0.00	0.00	0.00		
294	18.00	6.00	0.00	0.00	0.00	0.00	0.00		
295	18.00	7.00	0.00	0.00	0.00	0.00	0.00		
296	18.00	8.00	0.00	0.00	0.00	0.00	0.00		
297	18.00	9.00	0.00	0.00	0.00	0.00	0.00		
298	18.00	10.00	0.00	0.00	0.00	0.00	0.00		
299	18.00	11.00	0.00	0.00	0.00	0.00	0.00		
300	18.00	12.00	0.00	0.00	0.00	0.00	0.00		
301	18.00	13.00	0.00	0.00	0.00	0.00	0.00		
302	18.00	14.00	0.00	0.00	0.00	0.00	0.00		
303	18.00	15.00	0.00	0.00	0.00	0.00	0.00		
304	18.00	16.00	0.00	0.00	0.00	0.00	0.00		
305	18.00	17.00	0.00	0.00	0.00	0.00	0.00		
306	18.00	18.00	0.00	0.00	0.00	0.00	0.00		

NAS MIRAMAR
PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRPORT							EXPECTED ARITHMETIC MEAN		SCFCS	
RECEPTOR NUMBER	RECEPTOR LOCATION	(KILOMETERS)	X	Y	CC	FC	(MICROGRAMS/CU. METER)	NCX	FT	SO2
257		18.00		6.00	0.0	0.0	0.0	0.0	0.0	0.0
258		18.00		10.00	3.478E-10	4.795E-11	4.325E-10	5.675E-12	1.13	1.705E-11
259		18.00		11.00	1.978E-07	2.757E-08	2.741E-05	3.501E-07	2.204E-07	5.500E-09
300		18.00		11.00	7.664E-06	1.512E-06	1.024E-05	2.204E-07	2.204E-07	3.222E-07
301		18.00		13.00	1.073E-04	4.555E-05	1.144E-04	1.865E-05	1.865E-05	3.783E-06
302		18.00		14.00	1.393E-03	6.653E-04	1.032E-03	1.795E-04	5.051E-04	1.896E-06
303		18.00		15.00	1.108E-02	4.254E-03	7.254E-03	3.757E-02	3.757E-02	1.404E-04
304		18.00		15.00	4.378E-02	1.516E-02	2.785E-02	0.0	0.0	0.0
305		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
306		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
307		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
308		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
309		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
310		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
311		18.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0
312		18.00		17.00	0.0	0.0	0.0	0.0	0.0	0.0
313		18.00		17.00	0.0	0.0	0.0	0.0	0.0	0.0
314		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
315		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
316		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
317		18.00		18.00	1.83E-08	1.454E-05	1.502E-08	3.013E-10	3.013E-10	5.310E-10
318		18.00		18.00	8.137E-07	1.372E-07	1.107E-06	2.247E-08	2.247E-08	3.517E-08
319		18.00		18.00	1.564E-05	5.370E-05	1.873E-05	1.111E-05	1.111E-05	5.555E-07
320		18.00		18.00	1.904E-04	1.002E-04	1.648E-04	7.379E-05	7.379E-05	4.546E-06
321		18.00		18.00	1.857E-03	8.756E-04	1.275E-03	1.232E-03	1.232E-03	1.828E-05
322		18.00		18.00	1.004E-02	4.740E-03	6.665E-03	6.327E-03	6.327E-03	1.136E-05
323		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
324		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
325		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
326		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
327		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
328		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
329		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
330		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
331		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
332		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
333		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
334		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
335		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
336		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
337		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
338		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
339		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
340		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
341		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
342		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
343		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
344		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
345		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
346		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
347		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
348		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
349		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
350		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
351		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
352		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
353		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
354		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
355		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
356		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
357		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
358		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
359		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
360		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
361		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
362		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
363		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
364		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
365		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
366		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
367		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
368		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
369		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
370		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
371		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
372		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
373		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
374		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
375		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
376		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
377		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
378		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
379		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
380		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
381		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
382		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
383		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
384		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
385		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
386		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
387		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
388		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
389		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
390		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
391		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
392		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
393		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
394		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
395		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
396		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
397		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
398		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
399		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
400		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
401		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
402		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
403		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
404		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
405		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
406		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
407		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
408		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
409		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
410		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
411		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
412		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
413		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
414		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
415		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
416		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
417		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
418		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
419		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
420		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
421		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
422		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
423		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
424		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
425		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
426		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
427		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
428		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
429		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
430		18.00		18.00	0.0	0.0	0.0	0.0	0.0	0.0
431										

NAS MIRAMAR
PERICC = 1200 TO 1200 HOURS CN A WEEKDAY

RECECTOR CONCENTRATION DATA FROM AIRPORT															SCIPES	
RECECTOR		RECECTOR LOCATION												EXPECTED ARITHMETIC MEAN		
ALUUEEF		(KILOMETERS)		Y		CC		FC		(MICROGRAMS/CL. METER)		PT		SC2		
		X								NCX						
334	334	20.00		13.00		3.08E-05		1.520E-04		3.11E-05		6.15E-06		1.020E-06		
335	335	20.00		14.00		2.23E-03		1.710E-04		2.365E-04		1.74E-04		1.162E-06		
336	336	20.00		15.00				1.041E-03		1.46E-03		1.65E-03		1.745E-05		
337	337	1.00		0.00		0.00		0.00		0.00		0.00		0.00		
338	338	1.00		1.00		0.00		0.00		0.00		0.00		0.00		
339	339	2.00		2.00		0.00		0.00		0.00		0.00		0.00		
340	340	2.00		3.00		0.00		0.00		0.00		0.00		0.00		
341	341	2.00		4.00		0.00		0.00		0.00		0.00		0.00		
342	342	2.00		5.00		0.00		0.00		0.00		0.00		0.00		
343	343	2.00		6.00		0.00		0.00		0.00		0.00		0.00		
344	344	2.00		7.00		0.00		0.00		0.00		0.00		0.00		
345	345	2.00		8.00		0.00		0.00		0.00		0.00		0.00		
346	346	2.00		9.00		8.97E-09		1.239E-05		1.24E-08		2.45E-10		4.40E-10		
347	347	2.00		10.00		3.65E-07		8.18E-08		4.80E-07		1.05E-08		1.70E-08		
348	348	2.00		11.00		5.58E-06		1.341E-05		6.26E-06		1.55E-07		2.170E-07		
349	349	2.00		12.00		5.72E-05		3.26E-05		4.89E-05		2.15E-05		1.38E-06		
350	350	2.00		13.00		4.62E-04		2.450E-04		3.20E-04		3.04E-04		5.60E-06		
351	351	2.00		14.00		0.00		0.00		0.00		0.00		0.00		
352	352	2.00		15.00		0.00		0.00		0.00		0.00		0.00		
353	353	2.00		16.00		0.00		0.00		0.00		0.00		0.00		
354	354	2.00		17.00		0.00		0.00		0.00		0.00		0.00		
355	355	2.00		18.00		0.00		0.00		0.00		0.00		0.00		
356	356	2.00		19.00		0.00		0.00		0.00		0.00		0.00		
357	357	2.00		20.00		0.00		0.00		0.00		0.00		0.00		
358	358	2.00		21.00		0.00		0.00		0.00		0.00		0.00		
359	359	2.00		22.00		0.00		0.00		0.00		0.00		0.00		
360	360	2.00		23.00		0.00		0.00		0.00		0.00		0.00		
361	361	2.00		24.00		0.00		0.00		0.00		0.00		0.00		
362	362	2.00		25.00		0.00		0.00		0.00		0.00		0.00		
363	363	2.00		26.00		9.85E-10		1.375E-09		1.367E-09		2.74E-10		4.30E-10		
364	364	2.00		27.00		1.05E-08		1.076E-07		1.261E-08		6.05E-08		4.43E-08		
365	365	2.00		28.00		1.05E-08		5.68E-07		1.261E-08		6.05E-08		4.43E-08		
366	366	2.00		29.00		1.14E-05		6.28E-06		1.100E-05		2.68E-06		3.54E-07		
367	367	2.00		30.00		5.81E-05		5.07E-05		7.34E-05		5.00E-05		1.720E-06		
368	368	2.00		31.00		0.00		0.00		0.00		0.00		0.00		
369	369	2.00		32.00		0.00		0.00		0.00		0.00		0.00		
370	370	2.00		33.00		0.00		0.00		0.00		0.00		0.00		

MCNTH = MAY NAS MIRAMIR PERICC = 1200 TC 1300 HOURS CN A WEEKDAY

RECEPCCR CONCENTRATION DATA FROM AIRPORT SCUFCE									
EXPECTED ARITHMETIC MEAN									
RECEPCCR NUMEEF	RECEPCCR LOCATION	(KILCMETRES)							
		X	Y	CO	PC	NCX	FT	SC2	
371		23.00	2.00	0.00	0.00	0.00	0.00	0.00	
372		23.00	3.00	0.00	0.00	0.00	0.00	0.00	
373		23.00	4.00	0.00	0.00	0.00	0.00	0.00	
374		23.00	5.00	0.00	0.00	0.00	0.00	0.00	
375		23.00	6.00	0.00	0.00	0.00	0.00	0.00	
376		23.00	7.00	0.00	0.00	0.00	0.00	0.00	
377		23.00	8.00	0.00	0.00	0.00	0.00	0.00	
378		23.00	9.00	0.00	0.00	0.00	0.00	0.00	
379		23.00	10.00	0.00	0.00	0.00	0.00	0.00	
380		23.00	11.00	0.00	0.00	0.00	0.00	0.00	
381		23.00	12.00	0.00	0.00	0.00	0.00	0.00	
382		23.00	13.00	0.00	0.00	0.00	0.00	0.00	
383		23.00	14.00	0.00	0.00	0.00	0.00	0.00	
384		23.00	15.00	0.00	0.00	0.00	0.00	0.00	
385		24.00	0.00	0.00	0.00	0.00	0.00	0.00	
386		24.00	1.00	0.00	0.00	0.00	0.00	0.00	
387		24.00	2.00	0.00	0.00	0.00	0.00	0.00	
388		24.00	3.00	0.00	0.00	0.00	0.00	0.00	
389		24.00	4.00	0.00	0.00	0.00	0.00	0.00	
390		24.00	5.00	0.00	0.00	0.00	0.00	0.00	
391		24.00	6.00	0.00	0.00	0.00	0.00	0.00	
392		24.00	7.00	0.00	0.00	0.00	0.00	0.00	
393		24.00	8.00	0.00	0.00	0.00	0.00	0.00	
394		24.00	9.00	0.00	0.00	0.00	0.00	0.00	
395		24.00	10.00	0.00	0.00	0.00	0.00	0.00	
396		24.00	11.00	0.00	0.00	0.00	0.00	0.00	
397		24.00	12.00	0.00	0.00	0.00	0.00	0.00	
398		24.00	13.00	0.00	0.00	0.00	0.00	0.00	
399		24.00	14.00	0.00	0.00	0.00	0.00	0.00	
400		24.00	15.00	0.00	0.00	0.00	0.00	0.00	

MCNTH = MAY NAS MIRAMAR PERIOD = 1200 TO 1200 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES									
EXPECTED ARITHMETIC MEAN									
RECEPTOR NUMBER	RECEPTOR LOCATION	(MICROGRAMS/CC. METER)							
		(KILOMETERS) X	(KILOMETERS) Y	CO	PC	NEX	FT	SC2	
123		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	2.00	0.0	0.0	0.0	0.0	0.0	0.0
456		0.0	3.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	4.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	5.00	0.0	0.0	0.0	0.0	0.0	0.0
789		0.0	6.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	7.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	8.00	0.0	0.0	0.0	0.0	0.0	0.0
1011		0.0	9.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	10.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	11.00	0.0	0.0	0.0	0.0	0.0	0.0
1314		0.0	12.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	13.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	14.00	0.0	0.0	0.0	0.0	0.0	0.0
1617		0.0	15.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	16.00	0.0	0.0	0.0	0.0	0.0	0.0
1920		0.0	17.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	18.00	0.0	0.0	0.0	0.0	0.0	0.0
2221		0.0	19.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	20.00	0.0	0.0	0.0	0.0	0.0	0.0
2526		0.0	21.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	22.00	0.0	0.0	0.0	0.0	0.0	0.0
2829		0.0	23.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	24.00	0.0	0.0	0.0	0.0	0.0	0.0
3132		0.0	25.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	26.00	0.0	0.0	0.0	0.0	0.0	0.0
3435		0.0	27.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	28.00	0.0	0.0	0.0	0.0	0.0	0.0
37		0.0	29.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	30.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	31.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	32.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	33.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	34.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	35.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	36.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	37.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	38.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	39.00	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	40.00	0.0	0.0	0.0	0.0	0.0	0.0

NAS MIRAMIR
 MONTH = MAY PERIOD = 1200 TO 1300 HOURS CN A WEEKDAY

RECECTOR LOCATION		EXPECTED ARITHMETIC MEAN									
RECECTOR NUMBER	RECECTOR LOCATION	RECECTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES									
	(KILOMETERS) X Y	CC	TC	(MICROGRAMS/CL. METER) NCX	PT	SO2					
33	2.00 5.00	0.0	0.0	0.0	0.0	0.0					
41	2.00 6.00	0.0	0.0	0.0	0.0	0.0					
42	2.00 7.00	0.0	0.0	0.0	0.0	0.0					
43	2.00 8.00	0.0	0.0	0.0	0.0	0.0					
44	2.00 9.00	0.0	0.0	0.0	0.0	0.0					
45	2.00 10.00	0.0	0.0	0.0	0.0	0.0					
46	2.00 11.00	0.0	0.0	0.0	0.0	0.0					
47	2.00 12.00	0.0	0.0	0.0	0.0	0.0					
48	2.00 13.00	0.0	0.0	0.0	0.0	0.0					
49	2.00 14.00	0.0	0.0	0.0	0.0	0.0					
50	2.00 15.00	0.0	0.0	0.0	0.0	0.0					
51	2.00 16.00	0.0	0.0	0.0	0.0	0.0					
52	2.00 17.00	0.0	0.0	0.0	0.0	0.0					
53	2.00 18.00	0.0	0.0	0.0	0.0	0.0					
54	2.00 19.00	0.0	0.0	0.0	0.0	0.0					
55	2.00 20.00	0.0	0.0	0.0	0.0	0.0					
56	2.00 21.00	0.0	0.0	0.0	0.0	0.0					
57	2.00 22.00	0.0	0.0	0.0	0.0	0.0					
58	2.00 23.00	0.0	0.0	0.0	0.0	0.0					
59	2.00 24.00	0.0	0.0	0.0	0.0	0.0					
60	2.00 25.00	0.0	0.0	0.0	0.0	0.0					
61	2.00 26.00	0.0	0.0	0.0	0.0	0.0					
62	2.00 27.00	0.0	0.0	0.0	0.0	0.0					
63	2.00 28.00	0.0	0.0	0.0	0.0	0.0					
64	2.00 29.00	0.0	0.0	0.0	0.0	0.0					
65	2.00 30.00	0.0	0.0	0.0	0.0	0.0					
66	2.00 31.00	0.0	0.0	0.0	0.0	0.0					
67	2.00 32.00	0.0	0.0	0.0	0.0	0.0					
68	2.00 33.00	0.0	0.0	0.0	0.0	0.0					
69	2.00 34.00	0.0	0.0	0.0	0.0	0.0					
70	2.00 35.00	0.0	0.0	0.0	0.0	0.0					
71	2.00 36.00	0.0	0.0	0.0	0.0	0.0					
72	2.00 37.00	0.0	0.0	0.0	0.0	0.0					
73	2.00 38.00	0.0	0.0	0.0	0.0	0.0					
74	2.00 39.00	0.0	0.0	0.0	0.0	0.0					
75	2.00 40.00	0.0	0.0	0.0	0.0	0.0					

NAS MIRAMAP
PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEIVED CONCENTRATION DATA FROM AIRCRAFT SOURCES									
RECEIVER NUMBER	RECEIVER LOCATION	EXPECTED ARITHMETIC MEAN							
	(KILOMETERS) X	(KILOMETERS) Y	CO	FC	(MICROGRAMS/CC) NX	(METER) FT	SO2		
75	4.00	10.00	0.0	0.0	0.0	0.0	0.0		
76	4.00	11.00	6.35E-06	3.17E-05	7.24E-04	1.35E-03	0.0		
77	4.00	12.00	1.75E-04	4.074E-05	8.16E-04	1.35E-03	0.0		
78	4.00	13.00	2.124E-04	5.08E-05	1.02E-03	1.754E-03	4.55E-06		
79	4.00	14.00	2.300E-04	5.267E-05	1.054E-03	1.76E-03	5.38E-06		
81	5.00	15.00	2.430E-04	5.355E-05	0.0	0.0	0.0		
82	5.00	16.00	0.0	0.0	0.0	0.0	0.0		
83	5.00	17.00	0.0	0.0	0.0	0.0	0.0		
84	5.00	18.00	0.0	0.0	0.0	0.0	0.0		
85	5.00	19.00	0.0	0.0	0.0	0.0	0.0		
86	5.00	20.00	0.0	0.0	0.0	0.0	0.0		
87	5.00	21.00	0.0	0.0	0.0	0.0	0.0		
88	5.00	22.00	0.0	0.0	0.0	0.0	0.0		
89	5.00	23.00	0.0	0.0	0.0	0.0	0.0		
90	5.00	24.00	2.821E-05	1.410E-04	3.21E-03	6.20E-03	0.0		
91	5.00	25.00	1.322E-03	3.073E-04	6.18E-03	1.07E-02	3.13E-05		
92	5.00	26.00	1.757E-03	3.825E-04	7.62E-03	1.28E-02	4.120E-05		
93	5.00	27.00	2.073E-03	5.423E-04	8.68E-03	1.23E-02	3.50E-05		
94	5.00	28.00	1.975E-03	5.352E-04	8.16E-03	1.10E-02	3.58E-05		
95	5.00	29.00	1.880E-03	5.464E-04	7.63E-03	9.47E-03	3.66E-05		
96	6.00	30.00	0.0	0.0	0.0	0.0	0.0		
97	6.00	31.00	0.0	0.0	0.0	0.0	0.0		
98	6.00	32.00	0.0	0.0	0.0	0.0	0.0		
99	6.00	33.00	0.0	0.0	0.0	0.0	0.0		
100	6.00	34.00	0.0	0.0	0.0	0.0	0.0		
101	6.00	35.00	0.0	0.0	0.0	0.0	0.0		
102	6.00	36.00	0.0	0.0	0.0	0.0	0.0		
103	6.00	37.00	0.0	0.0	0.0	0.0	0.0		
104	6.00	38.00	0.0	0.0	0.0	0.0	0.0		
105	6.00	39.00	1.735E-04	2.730E-04	6.17E-03	1.00E-02	0.0		
106	6.00	40.00	5.467E-03	9.755E-04	1.88E-03	2.51E-02	1.281E-04		
107	6.00	41.00	9.966E-03	2.553E-03	3.82E-03	5.78E-02	1.562E-04		
108	6.00	42.00	1.216E-02	3.413E-03	4.77E-03	5.78E-02	1.572E-04		
109	6.00	43.00	1.092E-02	3.282E-03	4.39E-03	5.09E-02	1.202E-04		
110	6.00	44.00	8.092E-03	2.556E-03	3.21E-03	4.66E-02	1.83E-05		
111	6.00	45.00	0.0	0.0	0.0	0.0	0.0		

MCNTH = MAY NAS MIRAMAF PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES									
RECEPTOR LOCATION EXPECTED ARITHMETIC MEAN									
RECEPTOR NUMBER	(KILOMETERS) X	(KILOMETERS) Y	CD	HC	(MICROGRAMS/CL. METER) NCA	PT	SO2		
12024	5.00	15.00	7.533E-03	2.455E-02	2.855E-02	2.248E-02	6.56E-05		
12024	7.00	1.00	0.00	0.00	0.00	0.00	0.00		
12027	7.00	3.00	0.00	0.00	0.00	0.00	0.00		
12027	7.00	4.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	5.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	6.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	7.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	8.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	9.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	10.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	11.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	12.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	13.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	14.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	15.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	16.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	17.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	18.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	19.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	20.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	21.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	22.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	23.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	24.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	25.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	26.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	27.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	28.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	29.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	30.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	31.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	32.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	33.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	34.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	35.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	36.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	37.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	38.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	39.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	40.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	41.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	42.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	43.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	44.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	45.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	46.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	47.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	48.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	49.00	0.00	0.00	0.00	0.00	0.00		
12028	7.00	50.00	0.00	0.00	0.00	0.00	0.00		

MCNT# = MAY NAS MIRAMIR PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPCTP CONCENTRATION DATA FROM AIRCRAFT SOURCES													
RECEPCTP		EXPECTED ARITHMETIC MEAN											
NUMBER	LOCATION	(KILCMTS) Y		CC	FC	(MICROGRAMS/CL. METER) NCX		PT	SD2				
		X											
145		5.00	4.00	0.0	0.0	0.0	7.58E-02	0.0	0.0	0.0	0.0	0.0	0.0
150		5.00	5.00	1.823E-02	1.823E-02	5.00	7.58E-02	1.374E-01	1.744E-10				
151		5.00	6.00	1.969E-01	5.944E-02	5.00	8.52E-01	8.222E-01	1.217E-05				
152		5.00	7.00	1.970E-01	5.940E-02	5.00	6.014E-01	6.222E-01	1.4877E-05				
153		5.00	8.00	1.135E-02	4.575E-01	5.00	6.71E-00	6.153E-01	2.871E-02				
154		5.00	9.00	1.844E-01	7.786E-00	5.00	1.704E-00	1.063E-01	5.066E-03				
155		5.00	10.00	5.851E-00	2.467E-00	5.00	8.035E-01	3.643E-02	1.776E-03				
156		5.00	11.00	2.848E-00	1.154E-00	5.00	6.334E-01	2.022E-02	1.165E-03				
157		5.00	12.00	2.091E-00	8.564E-01	5.00	5.816E-01	1.600E-02	5.452E-04				
158		5.00	13.00	1.704E-00	6.762E-01	5.00	5.272E-01	1.355E-02	8.028E-04				
159		5.00	14.00	1.551E-00	6.138E-01	5.00	4.62E-01	1.222E-02	7.523E-04				
160		5.00	15.00	1.346E-00	5.268E-01	5.00	4.032E-01	1.06E-02	6.515E-04				
161		10.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0				
162		10.00	2.00	0.0	0.0	0.0	0.0	0.0	0.0				
163		10.00	3.00	0.0	0.0	0.0	0.0	0.0	0.0				
164		10.00	4.00	0.0	0.0	0.0	0.0	0.0	0.0				
165		10.00	5.00	1.548E-01	4.700E-02	5.00	4.520E-01	7.142E-01	2.801E-04				
166		10.00	6.00	7.187E-01	2.583E-01	5.00	1.454E-00	2.522E-02	3.006E-04				
167		10.00	7.00	6.876E-01	2.504E-01	5.00	1.362E-00	2.501E-02	1.657E-04				
168		10.00	8.00	7.853E-01	2.045E-01	5.00	2.204E-00	5.678E-01	1.213E-02				
169		10.00	9.00	3.845E-01	7.051E-00	5.00	7.041E-00	2.678E-01	6.004E-03				
170		10.00	10.00	1.840E-01	1.751E-00	5.00	1.751E-00	1.16E-02	5.004E-03				
171		10.00	11.00	9.371E-00	3.650E-00	5.00	1.307E-00	6.286E-00	2.71E-03				
172		10.00	12.00	6.827E-00	2.204E-00	5.00	1.168E-00	4.13E-02	1.95E-03				
173		10.00	13.00	5.835E-00	2.204E-00	5.00	9.905E-01	3.33E-02	1.63E-03				
174		10.00	14.00	4.733E-00	1.781E-00	5.00	8.501E-01	2.835E-02	1.0E-03				
175		10.00	15.00	3.946E-00	0.0	5.00	0.0	0.0	0.0				
176		10.00	1.00	0.0	0.0	5.00	0.0	0.0	0.0				
177		10.00	2.00	0.0	0.0	5.00	0.0	0.0	0.0				
178		10.00	3.00	0.0	0.0	5.00	0.0	0.0	0.0				
179		10.00	4.00	0.0	0.0	5.00	0.0	0.0	0.0				
180		10.00	5.00	0.0	0.0	5.00	0.0	0.0	0.0				
181		10.00	6.00	0.0	0.0	5.00	0.0	0.0	0.0				
182		10.00	7.00	0.0	0.0	5.00	0.0	0.0	0.0				
183		10.00	8.00	0.0	0.0	5.00	0.0	0.0	0.0				
184		10.00	9.00	0.0	0.0	5.00	0.0	0.0	0.0				
185		10.00	10.00	0.0	0.0	5.00	0.0	0.0	0.0				
186		10.00	11.00	0.0	0.0	5.00	0.0	0.0	0.0				
187		10.00	12.00	0.0	0.0	5.00	0.0	0.0	0.0				
188		10.00	13.00	0.0	0.0	5.00	0.0	0.0	0.0				
189		10.00	14.00	0.0	0.0	5.00	0.0	0.0	0.0				
190		10.00	15.00	0.0	0.0	5.00	0.0	0.0	0.0				
191		10.00	1.00	0.0	0.0	5.00	0.0	0.0	0.0				
192		10.00	2.00	0.0	0.0	5.00	0.0	0.0	0.0				
193		10.00	3.00	0.0	0.0	5.00	0.0	0.0	0.0				
194		10.00	4.00	0.0	0.0	5.00	0.0	0.0	0.0				
195		10.00	5.00	0.0	0.0	5.00	0.0	0.0	0.0				
196		10.00	6.00	0.0	0.0	5.00	0.0	0.0	0.0				
197		10.00	7.00	0.0	0.0	5.00	0.0	0.0	0.0				
198		10.00	8.00	0.0	0.0	5.00	0.0	0.0	0.0				
199		10.00	9.00	0.0	0.0	5.00	0.0	0.0	0.0				
200		10.00	10.00	0.0	0.0	5.00	0.0	0.0	0.0				

NAS MIRAMAR
 PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTECH		RECEPTECH LOCATION		RECEPTECH CONCENTRATION DATA FROM AIRCRAFT SOURCES		EXPECTED ARITHMETIC MEAN	
NUMBER		(KILOMETERS)	Y	CC	HC	(MICROGRAMS/CL. METER)	FT
	X					NCX	SC2
186	11.00	5.00	1.17E 02	1.17E 02	4.03E 01	8.15E 00	7.45E 01
187	11.00	10.00	5.24E 01	5.24E 01	1.72E 01	6.07E 00	2.43E 01
188	11.00	11.00	2.46E 01	2.46E 01	8.31E 00	3.45E 00	1.98E 01
189	11.00	12.00	1.69E 01	1.69E 01	5.97E 00	2.73E 00	1.49E 01
190	11.00	13.00	1.38E 01	1.38E 01	4.72E 00	2.25E 00	5.41E 00
191	11.00	14.00	1.03E 01	1.03E 01	3.80E 00	1.90E 00	7.37E 00
192	11.00	15.00	8.75E 00	8.75E 00	3.17E 00	1.61E 00	6.02E 00
193	12.00	6.00	0.00	0.00	0.00	0.00	0.00
194	12.00	7.00	0.00	0.00	0.00	0.00	0.00
195	12.00	8.00	0.00	0.00	0.00	0.00	0.00
196	12.00	9.00	0.00	0.00	0.00	0.00	0.00
197	12.00	10.00	1.94E 07	1.94E 07	8.110E-08	1.08E-06	1.58E-06
198	12.00	11.00	5.65E-01	5.65E-01	1.78E-01	1.54E 00	2.55E 00
199	12.00	12.00	4.64E-01	4.64E-01	1.43E-01	1.34E 00	2.52E 00
200	12.00	13.00	5.68E 00	5.68E 00	3.24E 00	1.16E 00	2.52E 00
201	12.00	14.00	2.18E 02	2.18E 02	8.05E 01	1.77E 01	1.35E 02
202	12.00	15.00	7.08E 01	7.08E 01	2.64E 01	9.43E 00	3.85E 01
203	12.00	16.00	3.71E 01	3.71E 01	1.33E 01	5.43E 00	2.74E 01
204	12.00	17.00	2.61E 01	2.61E 01	5.25E 00	4.19E 00	1.45E 01
205	12.00	18.00	2.18E 01	2.18E 01	7.65E 00	3.57E 00	1.43E 01
206	12.00	19.00	1.18E 01	1.18E 01	6.45E 00	3.05E 00	1.43E 01
207	12.00	20.00	1.30E 01	1.30E 01	5.48E 00	2.62E 00	1.02E 01
208	13.00	1.00	0.00	0.00	0.00	0.00	0.00
209	13.00	2.00	0.00	0.00	0.00	0.00	0.00
210	13.00	3.00	0.00	0.00	0.00	0.00	0.00
211	13.00	4.00	0.00	0.00	0.00	0.00	0.00
212	13.00	5.00	0.00	0.00	0.00	0.00	0.00
213	13.00	6.00	0.00	0.00	0.00	0.00	0.00
214	13.00	7.00	0.00	0.00	0.00	0.00	0.00
215	13.00	8.00	0.00	0.00	0.00	0.00	0.00
216	13.00	9.00	0.00	0.00	0.00	0.00	0.00
217	13.00	10.00	0.00	0.00	0.00	0.00	0.00
218	13.00	11.00	0.00	0.00	0.00	0.00	0.00
219	13.00	12.00	0.00	0.00	0.00	0.00	0.00
220	13.00	13.00	0.00	0.00	0.00	0.00	0.00
221	13.00	14.00	0.00	0.00	0.00	0.00	0.00
222	13.00	15.00	0.00	0.00	0.00	0.00	0.00

NAS MIRAMAR
PERIOD = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES												
RECEPTOR NUMBER	RECEPTOR LOCATION	EXPECTED ARITHMETIC MEAN										
	(KILOMETERS)	X	Y	CO	PC	(MICROGRAMS/CL. METER)	NCA	FT	SO2			
222	13.00		14.00	2.324E-01	8.331E-00	3.938E-00	3.502E-00	1.521E-01	5.131E-03			
224	13.00		15.00	2.051E-01	7.347E-00	0.0	0.0	1.355E-01	7.741E-03			
225	14.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0			
226	14.00		1.00	0.0	0.0	0.0	0.0	0.0	0.0			
227	14.00		3.00	0.0	0.0	0.0	0.0	0.0	0.0			
228	14.00		4.00	0.0	0.0	0.0	0.0	0.0	0.0			
229	14.00		6.00	3.471E-01	1.055E-01	9.284E-01	0.0	1.742E-00	1.547E-05			
230	14.00		7.00	5.590E-01	1.764E-01	1.530E-00	1.530E-00	3.072E-00	4.171E-04			
231	14.00		8.00	3.638E-01	1.118E-01	9.432E-01	1.017E-00	1.509E-00	6.579E-04			
232	14.00		9.00	4.616E-01	1.342E-01	1.017E-00	1.017E-00	2.054E-00	1.759E-03			
233	14.00		10.00	4.879E-00	1.811E-00	3.221E-00	3.221E-00	5.048E-00	3.622E-03			
234	14.00		11.00	1.187E-01	4.311E-00	3.177E-00	3.177E-00	1.010E-01	7.031E-03			
235	14.00		12.00	1.706E-01	6.165E-00	3.635E-00	3.635E-00	1.244E-01	5.221E-03			
236	14.00		13.00	2.034E-01	7.351E-00	3.963E-00	3.963E-00	1.413E-01	1.041E-03			
237	14.00		14.00	2.141E-01	7.727E-00	3.970E-00	3.970E-00	1.451E-01	1.041E-03			
238	14.00		15.00	2.094E-01	7.538E-00	3.805E-00	3.805E-00	1.411E-01	5.044E-03			
239	15.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0			
240	15.00		1.00	0.0	0.0	0.0	0.0	0.0	0.0			
241	15.00		2.00	0.0	0.0	0.0	0.0	0.0	0.0			
242	15.00		3.00	0.0	0.0	0.0	0.0	0.0	0.0			
243	15.00		4.00	0.0	0.0	0.0	0.0	0.0	0.0			
244	15.00		5.00	0.0	0.0	0.0	0.0	0.0	0.0			
245	15.00		6.00	0.0	0.0	0.0	0.0	0.0	0.0			
246	15.00		7.00	9.125E-03	3.188E-01	1.862E-02	1.862E-02	3.745E-00	8.335E-04			
247	15.00		8.00	1.012E-00	3.218E-01	2.775E-00	2.775E-00	3.535E-00	2.335E-04			
248	15.00		9.00	1.106E-00	3.488E-01	2.988E-00	2.988E-00	3.846E-00	4.811E-04			
249	15.00		10.00	9.337E-01	3.324E-01	2.561E-00	2.561E-00	5.555E-00	6.581E-04			
250	15.00		11.00	2.523E-00	9.198E-01	2.532E-00	2.532E-00	5.808E-00	1.889E-03			
251	15.00		12.00	5.860E-01	3.110E-00	2.520E-00	2.520E-00	6.740E-00	3.578E-03			
252	15.00		13.00	1.5394E-01	3.022E-00	3.561E-00	3.561E-00	1.055E-01	5.171E-03			
253	15.00		14.00	1.611E-01	5.824E-00	3.495E-00	3.495E-00	1.157E-01	7.712E-03			
254	15.00		15.00	0.0	0.0	0.0	0.0	0.0	0.0			
255	16.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0			

MONTH = MAY
NAC MIRAPAR
PERICC = 1200 TO 1300 HOURS CN A WEEKDAY

RECECTOR CONCENTRATION DATA FROM AIRCRAFT SCLFCEs									
RECECTOR NUMBER	RECECTOR LOCATION		EXPECTED ARITHMETIC MEAN						
	(KILOMETERS) X	Y	CC	FC	(MICROGRAMS/CL. METER) NCX	FT	SDZ		
260	16.00	3.00	0.0	0.0	0.0	0.0	0.0		
261	16.00	4.00	0.0	0.0	0.0	0.0	0.0		
262	16.00	5.00	0.0	0.0	0.0	0.0	0.0		
263	16.00	6.00	0.0	0.0	0.0	0.0	0.0		
264	16.00	7.00	1.577E-01	5.020E-02	4.480E-01	8.760E-01	1.11E-04		
265	16.00	8.00	6.09E-01	2.100E-01	1.928E-00	4.018E-00	5.5E-04		
266	16.00	9.00	6.237E-01	2.008E-01	1.752E-00	3.711E-00	4.48E-04		
267	16.00	10.00	7.122E-01	2.473E-01	2.175E-00	4.617E-00	5.17E-04		
268	16.00	11.00	5.180E-01	3.301E-01	2.285E-00	4.523E-00	5.9E-04		
269	16.00	12.00	5.207E-01	1.425E-00	2.140E-00	4.765E-00	5.9E-04		
270	16.00	13.00	5.977E-00	1.425E-00	2.432E-00	6.025E-00	7.3E-03		
271	16.00	14.00	6.248E-00	2.485E-00	2.711E-00	7.452E-00	9.5E-03		
272	17.00	1.00	0.0	0.0	0.0	0.0	0.0		
273	17.00	2.00	0.0	0.0	0.0	0.0	0.0		
274	17.00	3.00	0.0	0.0	0.0	0.0	0.0		
275	17.00	4.00	0.0	0.0	0.0	0.0	0.0		
276	17.00	5.00	0.0	0.0	0.0	0.0	0.0		
277	17.00	6.00	0.0	0.0	0.0	0.0	0.0		
278	17.00	7.00	0.0	0.0	0.0	0.0	0.0		
279	17.00	8.00	0.0	0.0	0.0	0.0	0.0		
280	17.00	9.00	1.86E-02	7.52E-04	3.324E-01	6.236E-01	6.5E-04		
281	17.00	10.00	1.507E-01	1.17E-02	1.944E-01	4.111E-01	5.5E-04		
282	17.00	11.00	1.47E-01	4.712E-02	4.220E-01	8.49E-01	6.5E-04		
283	17.00	12.00	3.05E-01	9.800E-02	8.04E-01	1.840E-00	8.5E-04		
284	17.00	13.00	7.20E-01	2.411E-01	1.672E-00	3.538E-00	9.5E-04		
285	17.00	14.00	1.30E-00	4.938E-01	1.827E-00	4.073E-00	1.00E-03		
286	17.00	15.00	4.494E-00	1.035E-00	2.135E-00	5.226E-00	1.2E-03		
287	17.00	16.00	4.494E-00	1.035E-00	2.135E-00	5.226E-00	1.2E-03		
288	17.00	17.00	4.494E-00	1.035E-00	2.135E-00	5.226E-00	1.2E-03		
289	18.00	1.00	0.0	0.0	0.0	0.0	0.0		
290	18.00	2.00	0.0	0.0	0.0	0.0	0.0		
291	18.00	3.00	0.0	0.0	0.0	0.0	0.0		
292	18.00	4.00	0.0	0.0	0.0	0.0	0.0		
293	18.00	5.00	0.0	0.0	0.0	0.0	0.0		
294	18.00	6.00	0.0	0.0	0.0	0.0	0.0		
295	18.00	7.00	0.0	0.0	0.0	0.0	0.0		
296	18.00	8.00	0.0	0.0	0.0	0.0	0.0		
297	18.00	9.00	0.0	0.0	0.0	0.0	0.0		
298	18.00	10.00	0.0	0.0	0.0	0.0	0.0		
299	18.00	11.00	0.0	0.0	0.0	0.0	0.0		
300	18.00	12.00	0.0	0.0	0.0	0.0	0.0		
301	18.00	13.00	0.0	0.0	0.0	0.0	0.0		
302	18.00	14.00	0.0	0.0	0.0	0.0	0.0		
303	18.00	15.00	0.0	0.0	0.0	0.0	0.0		
304	18.00	16.00	0.0	0.0	0.0	0.0	0.0		
305	18.00	17.00	0.0	0.0	0.0	0.0	0.0		
306	18.00	18.00	0.0	0.0	0.0	0.0	0.0		
307	18.00	19.00	0.0	0.0	0.0	0.0	0.0		
308	18.00	20.00	0.0	0.0	0.0	0.0	0.0		
309	18.00	21.00	0.0	0.0	0.0	0.0	0.0		
310	18.00	22.00	0.0	0.0	0.0	0.0	0.0		
311	18.00	23.00	0.0	0.0	0.0	0.0	0.0		
312	18.00	24.00	0.0	0.0	0.0	0.0	0.0		
313	18.00	25.00	0.0	0.0	0.0	0.0	0.0		
314	18.00	26.00	0.0	0.0	0.0	0.0	0.0		
315	18.00	27.00	0.0	0.0	0.0	0.0	0.0		
316	18.00	28.00	0.0	0.0	0.0	0.0	0.0		
317	18.00	29.00	0.0	0.0	0.0	0.0	0.0		
318	18.00	30.00	0.0	0.0	0.0	0.0	0.0		
319	18.00	31.00	0.0	0.0	0.0	0.0	0.0		
320	18.00	32.00	0.0	0.0	0.0	0.0	0.0		
321	18.00	33.00	0.0	0.0	0.0	0.0	0.0		
322	18.00	34.00	0.0	0.0	0.0	0.0	0.0		
323	18.00	35.00	0.0	0.0	0.0	0.0	0.0		
324	18.00	36.00	0.0	0.0	0.0	0.0	0.0		
325	18.00	37.00	0.0	0.0	0.0	0.0	0.0		
326	18.00	38.00	0.0	0.0	0.0	0.0	0.0		
327	18.00	39.00	0.0	0.0	0.0	0.0	0.0		
328	18.00	40.00	0.0	0.0	0.0	0.0	0.0		
329	18.00	41.00	0.0	0.0	0.0	0.0	0.0		
330	18.00	42.00	0.0	0.0	0.0	0.0	0.0		
331	18.00	43.00	0.0	0.0	0.0	0.0	0.0		
332	18.00	44.00	0.0	0.0	0.0	0.0	0.0		
333	18.00	45.00	0.0	0.0	0.0	0.0	0.0		
334	18.00	46.00	0.0	0.0	0.0	0.0	0.0		
335	18.00	47.00	0.0	0.0	0.0	0.0	0.0		
336	18.00	48.00	0.0	0.0	0.0	0.0	0.0		
337	18.00	49.00	0.0	0.0	0.0	0.0	0.0		
338	18.00	50.00	0.0	0.0	0.0	0.0	0.0		
339	18.00	51.00	0.0	0.0	0.0	0.0	0.0		
340	18.00	52.00	0.0	0.0	0.0	0.0	0.0		
341	18.00	53.00	0.0	0.0	0.0	0.0	0.0		
342	18.00	54.00	0.0	0.0	0.0	0.0	0.0		
343	18.00	55.00	0.0	0.0	0.0	0.0	0.0		
344	18.00	56.00	0.0	0.0	0.0	0.0	0.0		
345	18.00	57.00	0.0	0.0	0.0	0.0	0.0		
346	18.00	58.00	0.0	0.0	0.0	0.0	0.0		
347	18.00	59.00	0.0	0.0	0.0	0.0	0.0		
348	18.00	60.00	0.0	0.0	0.0	0.0	0.0		
349	18.00	61.00	0.0	0.0	0.0	0.0	0.0		
350	18.00	62.00	0.0	0.0	0.0	0.0	0.0		
351	18.00	63.00	0.0	0.0	0.0	0.0	0.0		
352	18.00	64.00	0.0	0.0	0.0	0.0	0.0		
353	18.00	65.00	0.0	0.0	0.0	0.0	0.0		
354	18.00	66.00	0.0	0.0	0.0	0.0	0.0		
355	18.00	67.00	0.0	0.0	0.0	0.0	0.0		
356	18.00	68.00	0.0	0.0	0.0	0.0	0.0		
357	18.00	69.00	0.0	0.0	0.0	0.0	0.0		
358	18.00	70.00	0.0	0.0	0.0	0.0	0.0		
359	18.00	71.00	0.0	0.0	0.0	0.0	0.0		
360	18.00	72.00	0.0	0.0	0.0	0.0	0.0		
361	18.00	73.00	0.0	0.0	0.0	0.0	0.0		
362	18.00	74.00	0.0	0.0	0.0	0.0	0.0		
363	18.00	75.00	0.0	0.0	0.0	0.0	0.0		
364	18.00	76.00	0.0	0.0	0.0	0.0	0.0		
365	18.00	77.00	0.0	0.0	0.0	0.0	0.0		
366	18.00	78.00	0.0	0.0	0.0	0.0	0.0		
367	18.00	79.00	0.0	0.0	0.0	0.0	0.0		
368	18.00	80.00	0.0	0.0	0.0	0.0	0.0		
369	18.00	81.00	0.0	0.0	0.0	0.0	0.0		
370	18.00	82.00	0.0	0.0	0.0	0.0	0.0		
371	18.00	83.00	0.0	0.0	0.0	0.0	0.0		
372	18.00	84.00	0.0	0.0	0.0	0.0	0.0		
373	18.00	85.00	0.0	0.0	0.0	0.0	0.0		
374	18.00	86.00	0.0	0.0	0.0	0.0	0.0		
375	18.00	87.00	0.0	0.0	0.0	0.0	0.0		
376	18.00	88.00	0.0	0.0	0.0	0.0	0.0		
377	18.00	89.00	0.0	0.0	0.0	0.0	0.0		
378	18.00	90.00	0.0	0.0	0.0	0.0	0.0		
379	18.00	91.00	0.0	0.0	0.0	0.0	0.0		
380	18.00	92.00	0.0	0.0	0.0	0.0	0.0		
381	18.00	93.00	0.0	0.0	0.0	0.0	0.0		
382	18.00	94.00	0.0	0.0	0.0	0.0	0.0		
383	18.00	95.00	0.0	0.0	0.0	0.0	0.0		
384	18.00	96.00	0.0	0.0	0.0	0.0	0.0		
385	18.00	97.00	0.0	0.0	0.0	0.0	0.0		
386	18.00	98.00	0.0	0.0	0.0	0.0	0.0		
387	18.00	99.00	0.0	0.0	0.0	0.0	0.0		
388	18.00	100.00	0.0	0.0	0.0	0.0	0.0		
389	18.00	101.00	0.0	0.0	0.0	0.0	0.0		
390	18.00	102.00	0.0	0.0	0.0	0.0	0.0		
391	18.00	103.00	0.0	0.0	0.0	0.0	0.0		
392	18.00	104.00	0.0	0.0	0.0	0.0	0.0		
393	18.00	105.00	0.0	0.0	0.0	0.0	0.0		
394	18.00	106.00	0.0	0.0	0.0	0.0	0.0		
395	18.00	107.00	0.0	0.0	0.0	0.0	0.0		
396	18.00	108.00	0.0	0.0	0.0	0.0	0.0		
397	18.00	109.00	0.0	0.0	0.0	0.0	0.0		
398	18.00	110.00	0.0	0.0	0.0	0.0	0.0		
399	18.00	111.00	0.0	0.0	0.0	0.0	0.0		
400	18.00	112.00	0.0	0.0	0.0	0.0	0.0		
401	18.00	113.00	0.0	0.0	0.0	0.0	0.0		
402	18.00	114.00	0.0	0.0	0.0	0.0	0.0		
403	18.00	115.00	0.0	0.0	0.0	0.0	0.0		
404	18.00	116.00	0.0	0.0	0.0	0.0	0.0		
405	18.00	117.00	0.0	0.0	0.0	0.0	0.0		
406	18.00	118.00	0.0	0.0	0.0	0.0	0.0		
407	18.00	119.00	0.0	0.0	0.0	0.0	0.0		
408	18.00	120.00	0.0	0.0	0.0	0.0	0.0		

NAS MIRAMAR
PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES									
EXPECTED ARITHMETIC MEAN									
RECEPTOR NUMBER	RECEPTOR LOCATION								
	(KILOMETERS)								
	X	Y		CC	HC	(MICROGRAMS/CC. METER) NCX	FT	SDZ	
334	20.00	13.00		1.620E-01	5.235E-02	4.585E-01	1.037E 00	1.529E-04	
335	20.00	14.00		2.468E-01	8.151E-02	6.288E-01	1.414E 00	2.859E-04	
336	20.00	15.00		4.358E-01	1.471E-01	8.111E-01	1.825E 00	4.228E-04	
337	21.00	0.00		0.00	0.00	0.00	0.00	0.00	
338	21.00	1.00		0.00	0.00	0.00	0.00	0.00	
339	21.00	2.00		0.00	0.00	0.00	0.00	0.00	
340	21.00	3.00		0.00	0.00	0.00	0.00	0.00	
341	21.00	4.00		0.00	0.00	0.00	0.00	0.00	
342	21.00	5.00		0.00	0.00	0.00	0.00	0.00	
343	21.00	6.00		0.00	0.00	0.00	0.00	0.00	
344	21.00	7.00		0.00	0.00	0.00	0.00	0.00	
345	21.00	8.00		0.00	0.00	0.00	0.00	0.00	
346	21.00	9.00		1.649E-09	5.145E-10	6.755E-05	1.004E-08	0.00	
347	21.00	10.00		6.879E-04	2.317E-04	2.115E-03	4.569E-03	3.42E-09	
348	21.00	11.00		4.544E-03	1.481E-03	1.541E-02	2.807E-02	1.885E-07	
349	21.00	12.00		2.108E-02	6.138E-02	5.182E-02	1.55E-01	1.015E-04	
350	21.00	13.00		4.310E-01	1.324E-01	1.477E-01	3.695E-01	1.281E-04	
351	21.00	14.00		1.433E-01	4.665E-02	3.985E-01	9.327E-01	1.965E-04	
352	21.00	15.00		2.202E-01	7.333E-02	5.401E-01	1.240E 00	2.753E-04	
353	21.00	16.00		0.00	0.00	0.00	0.00	0.00	
354	21.00	17.00		0.00	0.00	0.00	0.00	0.00	
355	21.00	18.00		0.00	0.00	0.00	0.00	0.00	
356	21.00	19.00		0.00	0.00	0.00	0.00	0.00	
357	21.00	20.00		0.00	0.00	0.00	0.00	0.00	
358	21.00	21.00		0.00	0.00	0.00	0.00	0.00	
359	21.00	22.00		0.00	0.00	0.00	0.00	0.00	
360	21.00	23.00		0.00	0.00	0.00	0.00	0.00	
361	21.00	24.00		0.00	0.00	0.00	0.00	0.00	
362	21.00	25.00		0.00	0.00	0.00	0.00	0.00	
363	21.00	26.00		0.00	0.00	0.00	0.00	0.00	
364	21.00	27.00		0.00	0.00	0.00	0.00	0.00	
365	21.00	28.00		0.00	0.00	0.00	0.00	0.00	
366	21.00	29.00		0.00	0.00	0.00	0.00	0.00	
367	21.00	30.00		0.00	0.00	0.00	0.00	0.00	
368	21.00	31.00		0.00	0.00	0.00	0.00	0.00	
369	21.00	32.00		0.00	0.00	0.00	0.00	0.00	
370	21.00	33.00		0.00	0.00	0.00	0.00	0.00	

MCNTH = MAY NAS MIRAMAR
PERICC = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR CONCENTRATION DATA FROM AIRCRAFT SOURCES										
RECEPTOR NAME	RECEPTOR LOCATION	EXPECTED ARITHMETIC MEAN								
	(KILOMETERS)	X	Y	CC	HC	(MICROGRAMS/CU. METER)	PT	SD2		
371	23.00		3.00	0.0	0.0	0.0	0.0	0.0		
372	23.00		4.00	0.0	0.0	0.0	0.0	0.0		
373	23.00		5.00	0.0	0.0	0.0	0.0	0.0		
374	23.00		6.00	0.0	0.0	0.0	0.0	0.0		
375	23.00		7.00	0.0	0.0	0.0	0.0	0.0		
376	23.00		8.00	0.0	0.0	0.0	0.0	0.0		
377	23.00		9.00	0.0	0.0	0.0	0.0	0.0		
378	23.00		10.00	6.851E-04	2.310E-04	2.107E-03	4.667E-03	0.0		
379	23.00		11.00	8.200E-04	2.740E-04	2.486E-03	5.645E-03	0.0		
380	23.00		12.00	1.632E-03	5.351E-04	4.833E-03	1.045E-02	7.376E-07		
381	23.00		13.00	5.139E-03	2.471E-03	2.002E-02	5.517E-02	7.121E-05		
382	23.00		14.00	1.844E-02	5.365E-02	6.646E-02	1.321E-01	1.058E-04		
383	23.00		15.00	3.615E-02	1.035E-02	8.966E-02	2.432E-01	1.681E-04		
384	24.00		0.00	0.0	0.0	0.0	0.0	0.0		
385	24.00		1.00	0.0	0.0	0.0	0.0	0.0		
386	24.00		2.00	0.0	0.0	0.0	0.0	0.0		
387	24.00		3.00	0.0	0.0	0.0	0.0	0.0		
388	24.00		4.00	0.0	0.0	0.0	0.0	0.0		
389	24.00		5.00	0.0	0.0	0.0	0.0	0.0		
390	24.00		6.00	0.0	0.0	0.0	0.0	0.0		
391	24.00		7.00	0.0	0.0	0.0	0.0	0.0		
392	24.00		8.00	0.0	0.0	0.0	0.0	0.0		
393	24.00		9.00	0.0	0.0	0.0	0.0	0.0		
394	24.00		10.00	0.0	0.0	0.0	0.0	0.0		
395	24.00		11.00	0.0	0.0	0.0	0.0	0.0		
396	24.00		12.00	0.0	0.0	0.0	0.0	0.0		
397	24.00		13.00	0.0	0.0	0.0	0.0	0.0		
398	24.00		14.00	0.0	0.0	0.0	0.0	0.0		
399	24.00		15.00	0.0	0.0	0.0	0.0	0.0		
400	24.00			0.0	0.0	0.0	0.0	0.0		

NAS MIRAMAP
PERICC = 1200 TO 1300 HOURS ON A WEEKDAY

MCNTF = MAY

RECEPTECF NUMEEF		RECEPTECF LCCATION		RECEPTECF CONCENTRATION DATA FROM TCIAL SCUPCES										EXPECTED ARITHMETIC MEAN	
				(KILCNETEFS)		CO		H-C		(MICROGRAMS/CU. METER)		FT		SO2	
				X	Y					NCX					
1	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MCNTH = MAY NAS MIRAMAF
PERICE = 1200 TC 1200 HOURS CN A WEEKDAY

RECEFTCP		RECEFTCP LOCATION		RECEFTCP CONCENTRATION DATA FROM TCIAL		SCLPCE	
ALMEEF				EXPECTED ARITHMETIC MEAN			
		(KILCMETER) X	(KILCMETER) Y	CO	HC (MICROGRAMS/CL. METER) NCX	FT	SD2
33		2.00	5.00	1.364E-01	2.352E-02	4.105E-03	5.088E-05
35		2.00	6.00	1.181E-02	2.088E-01	1.754E-00	2.153E-00
40		2.00	7.00	1.146E-02	2.022E-01	1.735E-00	2.070E-00
41		2.00	8.00	1.050E-02	1.853E-00	1.564E-00	1.857E-00
42		2.00	9.00	9.175E-01	1.615E-04	1.553E-00	1.658E-00
43		2.00	10.00	5.510E-01	5.725E-00	3.70E-01	5.958E-01
44		2.00	11.00	2.177E-01	2.845E-00	3.315E-01	5.935E-01
45		2.00	12.00	1.437E-01	2.536E-00	2.155E-01	2.621E-01
46		2.00	13.00	1.218E-01	2.150E-00	1.66E-01	2.38E-01
47		2.00	14.00	1.086E-01	1.916E-00	1.66E-01	1.555E-01
48		2.00	15.00	9.824E-00	1.734E-00	1.521E-01	1.828E-01
49		2.00	0.00	0.00	0.00	0.00	0.00
50		2.00	2.00	3.002E-04	5.266E-05	3.795E-06	1.259E-05
51		2.00	3.00	3.355E-00	5.88E-01	8.33E-02	1.435E-02
52		2.00	4.00	2.011E-00	5.527E-01	5.654E-02	1.435E-02
53		2.00	5.00	1.106E-00	1.940E-01	3.252E-02	4.807E-02
54		2.00	6.00	1.527E-02	2.655E-01	1.101E-01	2.770E-00
55		2.00	7.00	1.569E-02	2.770E-01	1.131E-01	2.844E-00
56		2.00	8.00	1.534E-01	2.770E-01	1.131E-01	2.844E-00
57		2.00	9.00	1.438E-02	2.538E-01	1.037E-01	2.605E-00
58		2.00	10.00	1.535E-01	1.030E-00	8.500E-01	1.062E-00
59		2.00	11.00	3.165E-01	5.586E-00	4.853E-01	1.808E-01
60		2.00	12.00	2.273E-01	4.011E-00	1.640E-00	4.204E-01
61		2.00	13.00	1.996E-01	3.522E-00	3.050E-01	4.771E-01
62		2.00	14.00	1.768E-01	3.120E-00	1.271E-00	3.331E-01
63		2.00	15.00	1.616E-01	2.852E-00	1.166E-00	3.111E-01
64		2.00	0.00	0.00	0.00	0.00	0.00
65		2.00	1.00	0.00	0.00	0.00	0.00
66		2.00	2.00	1.562E-03	2.740E-04	4.571E-05	6.757E-05
67		2.00	3.00	1.540E-01	1.166E-00	1.12E-01	4.657E-01
68		2.00	4.00	1.016E-01	1.783E-00	2.580E-01	4.394E-01
69		2.00	5.00	1.406E-02	2.480E-01	1.015E-01	2.657E-00
70		2.00	6.00	1.607E-02	2.837E-01	1.159E-01	2.558E-00
71		2.00	7.00	1.755E-02	3.051E-01	1.265E-01	2.558E-00
72		2.00	8.00	1.830E-02	3.231E-01	1.320E-01	2.558E-00
73		2.00	9.00	1.844E-02	3.254E-01	1.320E-01	2.558E-00

MCNTH = MAY
 NAS MIRAMAR
 PERICC = 1200 TC 1300 HOURS ON A WEEKDAY

RECEPTOR NUMBER	RECEPTOR LOCATION				RECEPTOR CONCENTRATION DATA FROM TOTAL				EXPECTED ARITHMETIC MEAN				SOURCES	
	X	Y	(KILOMETERS)	CC	HC	GRAMS/CL.	(METER)	PT	SO2					
75	4.00	10.00		6.165E 01	1.088E 01	4.44E 00	9.52E-01		1.14E 00					
76	4.00	11.00		4.29E 01	7.55E 00	3.05E 00	6.71E-01		8.02E-01					
77	4.00	12.00		3.26E 01	5.74E 00	2.35E 00	3.13E-01		5.18E-01					
78	4.00	13.00		2.86E 01	5.04E 00	2.06E 00	4.33E-01		5.47E-01					
79	4.00	14.00		2.80E 01	4.94E 00	2.03E 00	4.77E-01		5.87E-01					
80	4.00	15.00		2.46E 01	4.34E 00	1.78E 00	4.12E-01		5.09E-01					
81	5.00	0.00		0.00	0.00	0.00	0.00		0.00					
82	5.00	1.00		1.86E 01	3.30E 00	1.42E 00	5.33E-01		1.55E-01					
83	5.00	2.00		5.02E 01	8.91E 00	3.84E 00	1.43E-01		1.91E-01					
84	5.00	3.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
85	5.00	4.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
86	5.00	5.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
87	5.00	6.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
88	5.00	7.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
89	5.00	8.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
90	5.00	9.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
91	5.00	10.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
92	5.00	11.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
93	5.00	12.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
94	5.00	13.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
95	5.00	14.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
96	5.00	15.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
97	5.00	16.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
98	5.00	17.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
99	5.00	18.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
100	5.00	19.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
101	5.00	20.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
102	5.00	21.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
103	5.00	22.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
104	5.00	23.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
105	5.00	24.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
106	5.00	25.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
107	5.00	26.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
108	5.00	27.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
109	5.00	28.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
110	5.00	29.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					
111	5.00	30.00		1.47E 02	2.53E 01	1.03E 01	1.54E-01		2.15E 00					

MCNTH = MAY NAS MIRAMIR PERIOD = 1200 TO 1200 HOURS CN A WEEKDAY

RECEP NUMEE	RECEP CONCENTRATION DATA FROM TOTAL				SOURCES	
	RECEP LOC	CC	HC	NCX	FT	SO2
(KILCNETEFS)						
	X	Y	CC	HC	NCX	FT
113	6.00	15.00	6.045E 01	1.065E 01	4.474E C0	1.257E 00
114	7.00	0.00	0.00E 02	0.00E 02	0.00E 02	0.00E 02
115	7.00	1.00	-1.474E-02	-2.585E-03	-1.111E-C3	-4.320E-04
116	7.00	3.00	2.104E 02	3.758E 01	1.640E C1	6.346E 00
117	7.00	4.00	2.151E 02	3.786E 01	1.624E C1	5.576E 00
118	7.00	5.00	1.022E 02	1.833E 01	7.755E C0	2.533E 00
119	7.00	6.00	1.102E 02	1.945E 01	8.040E C0	2.605E 00
120	7.00	7.00	1.133E 02	2.052E 01	8.474E C0	2.671E 00
121	7.00	8.00	2.027E 02	4.374E 01	1.562E C1	7.555E 00
122	7.00	9.00	2.036E 02	4.374E 01	1.562E C1	7.555E 00
123	7.00	10.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
124	7.00	11.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
125	7.00	12.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
126	7.00	13.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
127	7.00	14.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
128	7.00	15.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
129	7.00	16.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
130	7.00	17.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
131	7.00	18.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
132	7.00	19.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
133	7.00	20.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
134	7.00	21.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
135	7.00	22.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
136	7.00	23.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
137	7.00	24.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
138	7.00	25.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
139	7.00	26.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
140	7.00	27.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
141	7.00	28.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
142	7.00	29.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
143	7.00	30.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
144	7.00	31.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
145	7.00	32.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
146	7.00	33.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
147	7.00	34.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00
148	7.00	35.00	1.800E 02	3.250E 01	1.464E C1	6.533E 00

MONTH = MAY NAS MIRAMIR PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR NUMBER	RECEPTOR LOCATION		RECEPTOR CONCENTRATION DATA FROM TOTAL EXPECTED ARITHMETIC MEAN				SCALFCS	
	(KILOMETERS) X	(KILOMETERS) Y	CC	HC	(MICROGRAMS/CL. METER) NCX	PT	SJ2	
145	5.00	4.00	2.085E 02	3.770E 01	1.633E 01	8.133E 00	1.17E 01	
150	5.00	5.00	1.221E 02	2.159E 01	5.583E 00	4.673E 00	6.605E 00	
151	5.00	6.00	7.709E 01	1.488E 01	6.573E 00	3.157E 00	3.33E 00	
152	5.00	8.00	6.916E 02	5.835E 01	1.103E 01	6.317E 01	3.36E 00	
153	5.00	5.00	2.130E 01	1.150E 01	5.727E 00	1.212E 01	2.05E 00	
154	5.00	10.00	2.135E 02	3.855E 01	1.734E 01	1.241E 01	2.05E 01	
155	5.00	11.00	2.158E 02	3.810E 01	1.740E 01	1.103E 01	1.31E 01	
157	5.00	12.00	1.086E 02	1.922E 01	8.837E 00	5.523E 00	1.75E 00	
158	5.00	14.00	2.759E 02	4.503E 01	2.116E 01	8.827E 00	1.08E 01	
160	5.00	15.00	2.555E 02	4.566E 01	1.956E 01	8.022E 00	5.01E 00	
162	10.00	1.00	3.810E 01	6.632E 01	2.331E 00	2.443E 00	3.05E 00	
163	5.00	2.00	1.203E 02	2.033E 01	9.033E 00	3.433E 00	1.57E 00	
164	10.00	3.00	2.756E 02	2.914E 01	2.895E 00	2.153E 00	1.80E 00	
165	10.00	4.00	1.032E 02	2.914E 01	9.571E 00	6.023E 00	1.85E 00	
166	5.00	5.00	3.287E 02	6.068E 01	2.768E 01	1.555E 00	8.25E 01	
167	5.00	6.00	1.121E 01	1.154E 01	1.054E 00	8.626E 00	3.03E 00	
168	5.00	7.00	7.680E 01	2.154E 01	7.544E 00	6.226E 00	5.58E 00	
169	5.00	5.00	1.411E 02	3.363E 01	1.225E 01	5.323E 01	4.16E 00	
170	5.00	5.00	9.980E 01	2.644E 01	8.122E 00	2.343E 01	4.63E 00	
171	10.00	10.00	3.477E 01	2.113E 01	7.743E 00	1.460E 01	4.05E 00	
172	10.00	11.00	3.172E 02	5.841E 01	2.500E 01	1.662E 01	1.45E 01	
173	5.00	13.00	3.385E 01	6.041E 01	2.642E 01	1.133E 01	1.42E 01	
175	5.00	14.00	3.405E 02	6.041E 01	2.642E 01	1.133E 01	1.42E 01	
176	5.00	15.00	3.385E 01	6.041E 01	2.642E 01	1.133E 01	1.42E 01	
177	5.00	0.00	1.861E 01	3.216E 00	1.414E 00	5.414E 01	3.63E 01	
178	10.00	1.00	9.057E 01	4.133E 01	1.074E 01	5.262E 00	3.75E 00	
179	10.00	2.00	2.479E 02	2.022E 01	3.555E 01	4.610E 01	2.34E 01	
180	5.00	3.00	4.996E 02	2.022E 01	5.635E 01	4.610E 01	2.34E 01	
181	5.00	4.00	5.989E 02	1.233E 01	5.184E 01	3.667E 01	5.43E 01	
182	5.00	5.00	6.508E 02	3.333E 01	5.541E 01	1.007E 01	5.53E 01	
183	5.00	5.00	1.611E 02	3.333E 01	1.541E 01	1.007E 01	5.53E 01	
184	10.00	7.00	9.773E 01	2.143E 01	9.653E 00	7.801E 00	5.25E 00	
185	10.00	8.00	8.129E 01	1.184E 01	2.627E 01	2.011E 00	5.24E 00	

MCNTH = MAY
 NAS MIRAMAR
 PERICC = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR		RECEPTOR LOCATION		CONCENTRATION DATA FROM TOTAL		EXPECTED ARITHMETIC MEAN		SCURCES	
ALINEEF		(KILMETER)	(METER)	CO	FC	GRAMS/CL. NCX	PT	SC2	
	X	Y							
186	11.00	5.00		1.865E 02	5.526E 01	1.394E 01	7.83E 01	4.401E 00	
187	11.00	10.00		1.183E 02	3.204E 01	1.164E 01	3.74E 01	3.51E 00	
188	11.00	11.00		9.538E 01	3.289E 01	9.147E 00	1.59E 01	3.55E 00	
189	11.00	12.00		2.568E 02	5.716E 01	2.41E 01	2.01E 01	1.15E 01	
190	11.00	13.00		3.289E 02	6.154E 01	2.637E 01	1.87E 01	1.327E 01	
191	11.00	14.00		3.103E 02	6.810E 01	2.836E 01	1.74E 01	1.426E 01	
192	11.00	15.00		3.103E 02	6.810E 01	2.90E 01	1.64E 01	1.46E 01	
193	12.00	0.00		4.781E 00	8.387E 01	3.620E 01	1.91E 01	2.067E 01	
194	12.00	1.00		9.073E 02	1.550E 00	6.865E 01	2.54E 01	3.921E 01	
195	12.00	2.00		1.070E 02	5.864E 01	1.417E 01	1.54E 01	5.252E 00	
196	12.00	3.00		8.30E 01	4.56E 01	1.117E 01	1.32E 01	7.283E 01	
197	12.00	4.00		2.019E 02	4.553E 01	1.822E 01	1.34E 01	2.411E 01	
198	12.00	5.00		2.019E 02	4.553E 01	1.822E 01	1.34E 01	1.794E 01	
199	12.00	6.00		1.324E 02	2.977E 01	1.294E 01	1.31E 01	1.06E 01	
200	12.00	7.00		9.538E 01	2.217E 01	9.817E 00	1.97E 01	1.485E 01	
201	12.00	8.00		8.30E 01	2.282E 01	8.473E 00	7.32E 01	6.192E 00	
202	12.00	9.00		2.01E 02	9.902E 01	2.443E 01	1.55E 02	5.476E 00	
203	12.00	10.00		2.027E 02	6.171E 01	2.068E 01	1.52E 01	7.137E 00	
204	12.00	11.00		2.02E 02	5.045E 01	2.024E 01	2.53E 01	8.695E 00	
205	12.00	12.00		3.67E 02	5.526E 01	2.301E 01	2.41E 01	1.08E 01	
206	12.00	13.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
207	12.00	14.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
208	12.00	15.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
209	12.00	16.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
210	12.00	17.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
211	12.00	18.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
212	12.00	19.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
213	12.00	20.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
214	12.00	21.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
215	12.00	22.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
216	12.00	23.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
217	12.00	24.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
218	12.00	25.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
219	12.00	26.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
220	12.00	27.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
221	12.00	28.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	
222	12.00	29.00		3.053E 02	6.437E 01	2.272E 01	2.40E 01	1.168E 01	

MONTH = MAY NAS MIFAMAR PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR NUMBER	RECEPTOR LOCATION	RECEPTOR CONCENTRATION DATA FROM TOTAL				SOURCES			
		EXPECTED ARITHMETIC MEAN							
		(KILOMETERS) X	(KILOMETERS) Y	CD	LC	(MICROGRAMS/CL. METER) NCX	PT	SC2	
2234	13:00	14:00	14:00	2:93E-02	5:85E-01	2:50E-01	3:25E-01	1:02E-00	01
2235	14:00	15:00	15:00	2:53E-01	2:04E-02	2:17E-01	3:41E-03	1:55E-00	01
2236	14:00	16:00	16:00	1:16E-01	8:28E-02	8:83E-03	1:98E-03	1:50E-03	03
2237	14:00	17:00	17:00	3:30E-01	2:91E-02	2:87E-02	1:61E-02	1:71E-02	02
2238	14:00	18:00	18:00	2:69E-01	5:51E-01	1:96E-03	6:12E-01	5:55E-01	01
2239	14:00	19:00	19:00	1:02E-02	1:93E-01	7:58E-03	2:05E-02	1:16E-00	00
2240	14:00	20:00	20:00	8:79E-01	1:75E-01	6:73E-03	4:38E-02	2:55E-00	00
2241	14:00	21:00	21:00	6:97E-01	1:55E-01	6:60E-03	4:38E-02	2:55E-00	00
2242	14:00	22:00	22:00	5:03E-01	1:36E-01	6:01E-03	5:51E-02	3:01E-00	00
2243	14:00	23:00	23:00	5:41E-01	1:52E-01	5:84E-03	5:57E-02	3:65E-00	00
2244	14:00	24:00	24:00	5:96E-01	1:52E-01	6:35E-03	5:57E-02	4:14E-00	00
2245	14:00	25:00	25:00	6:72E-01	1:73E-01	8:01E-03	1:18E-01	4:76E-00	00
2246	14:00	26:00	26:00	1:06E-02	2:52E-01	1:12E-03	1:45E-01	5:55E-00	00
2247	14:00	27:00	27:00	1:31E-02	3:03E-01	1:35E-03	1:84E-01	6:11E-00	00
2248	14:00	28:00	28:00	2:36E-02	4:50E-01	2:12E-03	2:10E-01	8:20E-00	00
2249	14:00	29:00	29:00	2:56E-02	5:26E-01	2:46E-03	2:47E-01	8:88E-00	00
2250	14:00	30:00	30:00	2:13E-02	4:45E-01	1:91E-03	2:20E-01	7:33E-00	00
2251	14:00	31:00	31:00	1:12E-02	1:97E-01	8:52E-04	3:29E-02	4:65E-04	04
2252	14:00	32:00	32:00	2:38E-02	1:36E-01	5:20E-03	2:09E-02	1:25E-03	03
2253	14:00	33:00	33:00	3:01E-02	5:55E-01	2:03E-03	6:08E-02	6:26E-02	02
2254	14:00	34:00	34:00	1:30E-02	2:24E-01	9:67E-03	2:34E-02	2:50E-02	02
2255	14:00	35:00	35:00	1:33E-02	2:40E-01	9:66E-03	2:34E-02	2:50E-02	02
2256	14:00	36:00	36:00	5:95E-01	1:20E-01	4:57E-03	1:53E-02	1:50E-00	00
2257	14:00	37:00	37:00	4:04E-01	9:78E-01	6:48E-03	7:09E-02	2:16E-00	00
2258	14:00	38:00	38:00	4:07E-01	1:05E-01	6:48E-03	7:09E-02	2:16E-00	00
2259	14:00	39:00	39:00	4:65E-01	1:85E-01	6:58E-03	7:55E-02	2:75E-00	00
2260	14:00	40:00	40:00	6:55E-01	1:55E-01	8:08E-03	3:05E-02	3:51E-00	00
2261	14:00	41:00	41:00	1:40E-02	2:88E-01	1:33E-03	1:05E-01	3:25E-00	00
2262	14:00	42:00	42:00	1:71E-02	3:49E-01	1:54E-03	1:15E-01	6:04E-00	00
2263	14:00	43:00	43:00	1:11E-02	4:01E-01	1:76E-03	1:15E-01	6:68E-00	00
2264	14:00	44:00	44:00	2:19E-02	4:47E-01	1:95E-03	1:15E-01	7:25E-00	00
2265	14:00	45:00	45:00	2:88E-02	4:75E-01	1:95E-03	1:15E-01	7:25E-00	00
2266	14:00	46:00	46:00	2:06E-02	4:31E-01	1:85E-03	1:05E-01	6:06E-00	00
2267	14:00	47:00	47:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2268	14:00	48:00	48:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2269	14:00	49:00	49:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2270	14:00	50:00	50:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2271	14:00	51:00	51:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2272	14:00	52:00	52:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2273	14:00	53:00	53:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2274	14:00	54:00	54:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2275	14:00	55:00	55:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2276	14:00	56:00	56:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2277	14:00	57:00	57:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2278	14:00	58:00	58:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2279	14:00	59:00	59:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2280	14:00	60:00	60:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2281	14:00	61:00	61:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2282	14:00	62:00	62:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2283	14:00	63:00	63:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2284	14:00	64:00	64:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2285	14:00	65:00	65:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2286	14:00	66:00	66:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2287	14:00	67:00	67:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2288	14:00	68:00	68:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2289	14:00	69:00	69:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2290	14:00	70:00	70:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2291	14:00	71:00	71:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2292	14:00	72:00	72:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2293	14:00	73:00	73:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2294	14:00	74:00	74:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2295	14:00	75:00	75:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2296	14:00	76:00	76:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2297	14:00	77:00	77:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2298	14:00	78:00	78:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2299	14:00	79:00	79:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2300	14:00	80:00	80:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2301	14:00	81:00	81:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2302	14:00	82:00	82:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2303	14:00	83:00	83:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2304	14:00	84:00	84:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2305	14:00	85:00	85:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2306	14:00	86:00	86:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2307	14:00	87:00	87:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2308	14:00	88:00	88:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2309	14:00	89:00	89:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2310	14:00	90:00	90:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2311	14:00	91:00	91:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2312	14:00	92:00	92:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2313	14:00	93:00	93:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2314	14:00	94:00	94:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2315	14:00	95:00	95:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2316	14:00	96:00	96:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2317	14:00	97:00	97:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2318	14:00	98:00	98:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2319	14:00	99:00	99:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00
2320	14:00	100:00	100:00	2:88E-02	4:30E-01	1:95E-03	1:05E-01	6:60E-00	00

MCNTH = MAY NAS MIRAPUR PERIOD = 1200 TC 1300 HOURS ON A WEEKDAY

RECEFTCR NUMBER	RECEFTCR LOCATION		RECEFTCR CONCENTRATION DATA FROM TCIAL				SCUFES	
	RECEFTCR LOCATION		EXPECTED ARITHMETIC MEAN				SCUFES	
	(KILMETERS) X	Y	CC	HC (MICROGRAMS/CL. METER)	FT	SD2		
260	16.00	3.00	1.227E-01	2.55E-02	9.570E-03	3.871E-03	3.58E-03	
261	16.00	4.00	1.208E-02	2.03E-01	8.611E-00	1.850E-00	2.054E-00	
262	16.00	5.00	1.458E-02	2.544E-01	1.043E-01	2.264E-00	2.56E-00	
263	16.00	6.00	5.052E-01	9.375E-00	3.021E-00	5.520E-01	1.1.03E-00	
264	16.00	7.00	3.314E-01	6.55E-00	3.021E-00	1.834E-00	1.5.45E-01	
265	16.00	8.00	3.161E-01	7.46E-00	4.493E-00	5.25E-00	1.23E-00	
266	16.00	9.00	3.527E-01	8.65E-00	4.755E-00	5.242E-00	1.63E-00	
267	16.00	10.00	4.222E-01	1.03E-01	5.75E-00	6.652E-00	2.24E-00	
268	16.00	11.00	4.873E-01	1.184E-01	6.411E-00	7.380E-00	2.71E-00	
269	16.00	12.00	1.150E-02	2.447E-01	1.133E-01	9.505E-00	2.4.30E-00	
270	16.00	13.00	1.561E-02	3.13E-01	1.411E-01	1.054E-01	5.1.4E-00	
271	16.00	14.00	1.745E-02	3.51E-01	1.56E-01	1.244E-01	5.58E-00	
272	16.00	15.00	3.333E-05	2.845E-01	1.28E-01	1.322E-01	5.52E-00	
273	17.00	16.00	3.988E-05	6.95E-06	3.020E-00	1.16E-00	1.74E-00	
274	17.00	17.00	1.86E-04	2.08E-00	9.78E-06	4.71E-00	1.2E-00	
275	17.00	3.00	1.778E-01	3.08E-00	1.76E-01	3.03E-01	1.3.03E-01	
276	17.00	3.00	3.593E-01	6.22E-00	2.563E-00	5.35E-01	1.1.3E-01	
277	17.00	4.00	5.913E-01	1.03E-01	4.21E-00	8.507E-01	1.08E-00	
278	17.00	5.00	6.897E-01	1.16E-01	4.90E-00	1.06E-01	1.20E-01	
279	17.00	6.00	3.954E-01	6.96E-01	2.83E-00	7.04E-01	1.7.20E-01	
280	17.00	7.00	2.573E-01	4.93E-00	1.920E-00	5.83E-01	5.8E-01	
281	17.00	8.00	2.455E-01	5.18E-00	1.107E-00	1.13E-00	7.23E-01	
282	17.00	9.00	2.703E-01	6.10E-00	2.60E-00	1.83E-00	1.001E-00	
283	17.00	10.00	3.124E-01	7.32E-00	3.465E-00	3.5E-00	1.35E-00	
284	17.00	11.00	7.445E-01	1.55E-01	7.51E-00	6.07E-00	1.7.5E-00	
285	17.00	12.00	9.419E-01	1.95E-01	9.11E-00	7.05E-00	2.32E-00	
286	17.00	13.00	1.408E-02	2.28E-01	1.26E-01	9.00E-00	3.33E-00	
287	17.00	14.00	1.060E-02	2.22E-01	1.03E-01	9.65E-00	4.84E-00	
288	18.00	0.0	1.467E-06	2.57E-07	1.11E-07	4.30E-08	6.33E-08	
289	18.00	1.00	1.095E-05	1.290E-06	1.25E-06	2.65E-06	4.73E-06	
290	18.00	2.00	3.110E-05	4.83E-06	-	2.65E-06	4.73E-06	
291	18.00	3.00	1.533E-01	2.60E-00	1.08E-00	2.54E-00	2.71E-01	
292	18.00	4.00	1.723E-01	2.98E-00	1.22E-00	2.55E-01	2.58E-01	
293	18.00	5.00	3.779E-01	6.36E-00	2.65E-00	6.55E-01	2.83E-01	
294	18.00	6.00	3.578E-01	6.07E-00	2.51E-00	6.41E-01	2.69E-01	
295	18.00	7.00	1.884E-01	3.35E-00	1.36E-00	3.66E-01	3.80E-01	

MCNTH = MAY NAS MIRAMIR PERICC = 1200 TC 1300 HOURS CN A WEEKDAY

RECEPCTP NUMBER	RECEPCTP LOCATION		RECEPCTP CONCENTRATION DATA FROM TCIAL				EXPECTED ARITHMETIC MEAN		SCLFCS	
	(KILCMETERS) X	(KILCMETERS) Y	CC	HC	(MICROGRAMS/CL. METER) NCX	FT	SC2			
257	16.00	8.00	1.838E 01	3.566E 00	1.390E 00	4.557E 01	4.401E 01			
258	16.00	5.00	2.183E 01	4.486E 00	1.775E 00	8.325E 01	6.357E 01			
259	16.00	10.00	2.589E 01	5.207E 00	2.366E 00	1.484E 01	9.043E 01			
300	18.00	11.00	3.648E 01	7.815E 00	3.455E 00	2.450E 00	1.314E 00			
301	16.00	13.00	5.540E 01	1.140E 01	5.365E 00	4.102E 00	1.872E 00			
302	16.00	13.00	5.643E 01	1.202E 01	5.711E 00	4.686E 00	2.515E 00			
303	18.00	14.00	1.135E 02	2.114E 01	9.944E 00	6.364E 00	3.262E 00			
304	16.00	15.00	1.020E 02	2.021E 01	5.400E 00	7.246E 00	3.262E 00			
305	15.00	0.00	0.00	0.00	0.00	0.00	0.00			
306	15.00	1.00	5.234E 02	9.067E 03	3.733E 03	7.860E 04	8.587E 04			
307	15.00	2.00	4.311E 01	7.455E 02	3.075E 03	6.474E 03	7.403E 03			
308	15.00	3.00	9.523E 00	1.588E 01	6.225E 01	1.734E 01	1.760E 01			
309	15.00	4.00	2.036E 01	3.388E 00	1.417E 00	3.657E 01	1.758E 01			
310	15.00	5.00	2.593E 01	4.394E 00	1.804E 00	4.737E 01	4.903E 01			
311	15.00	6.00	1.537E 01	4.251E 00	1.002E 00	2.533E 01	2.668E 01			
312	15.00	7.00	2.407E 01	2.444E 00	1.002E 00	2.533E 01	2.668E 01			
313	15.00	8.00	1.535E 01	2.76E 00	1.186E 00	3.126E 01	3.178E 01			
314	15.00	9.00	1.569E 01	3.025E 00	1.186E 00	3.126E 01	3.178E 01			
315	15.00	10.00	2.287E 01	4.501E 00	1.175E 00	3.755E 01	3.653E 01			
316	15.00	11.00	2.696E 01	5.32E 00	2.73E 00	1.266E 00	8.713E 01			
317	15.00	12.00	3.097E 01	6.33E 00	2.813E 00	1.300E 00	1.105E 00			
318	15.00	13.00	7.193E 01	1.33E 01	6.106E 00	3.63E 00	1.157E 00			
319	15.00	14.00	8.384E 01	1.50E 01	7.216E 00	4.357E 00	2.280E 00			
320	20.00	15.00	6.917E 01	1.50E 01	7.216E 00	4.357E 00	2.280E 00			
321	20.00	16.00	5.273E 02	0.00	0.00	0.00	0.00			
322	20.00	17.00	3.735E 02	9.135E 04	3.761E 04	7.518E 05	5.054E 04			
323	20.00	18.00	3.735E 02	9.135E 04	3.761E 04	7.518E 05	5.054E 04			
324	20.00	19.00	9.027E 02	1.54E 02	6.440E 03	1.553E 03	1.553E 03			
325	20.00	4.00	8.037E 00	1.30E 00	5.577E 01	1.453E 01	1.458E 01			
326	20.00	6.00	1.297E 01	2.40E 00	3.900E 00	1.453E 01	1.458E 01			
327	20.00	7.00	5.546E 01	9.45E 00	3.92E 00	8.732E 01	5.63E 01			
328	20.00	8.00	1.726E 01	2.63E 00	1.223E 00	2.841E 01	3.08E 01			
329	20.00	9.00	1.511E 01	2.63E 00	1.108E 00	3.01E 01	3.05E 01			
330	20.00	10.00	2.245E 01	4.12E 00	1.658E 00	6.01E 01	5.84E 01			
331	20.00	11.00	2.627E 01	4.05E 00	1.853E 00	7.026E 01	6.502E 01			
332	20.00	12.00	2.627E 01	5.55E 00	2.143E 00	1.16E 00	6.502E 01			

MCNTH = MAY
 NAS MIRAMAR
 PERIOD = 1200 TO 1300 HOURS ON A WEEKDAY

RECEPTOR NUMBER	RECEPTOR LOCATION				RECEPTOR CONCENTRATION DATA FROM TOTAL				EXPECTED ARITHMETIC MEAN					
	X	Y	CO	HC	(MICROGRAMS/CL. METER)	PT	SO2	X	Y	CO	HC	(MICROGRAMS/CL. METER)	PT	SO2
334	20.00	13.00	4.25E-01	8.15E-00	3.62E-00	00	2.15E-00							
335	20.00	14.00	4.37E-01	1.027E-01	4.62E-00	00	2.63E-00	20.00	14.00	4.37E-01	1.027E-01	4.62E-00	00	2.63E-00
336	20.00	15.00	4.33E-01	8.902E-00	4.15E-00	00	3.224E-00	20.00	15.00	4.33E-01	8.902E-00	4.15E-00	00	3.224E-00
337	21.00	1.00	0.0	0.0	0.0	00	0.0	21.00	1.00	0.0	0.0	0.0	00	0.0
338	21.00	2.00	1.61E-08	9.75E-05	1.51E-09	10	0.423E-10	21.00	2.00	1.61E-08	9.75E-05	1.51E-09	10	0.423E-10
339	21.00	3.00	3.14E-01	5.26E-02	2.20E-02	03	5.54E-03	21.00	3.00	3.14E-01	5.26E-02	2.20E-02	03	5.54E-03
340	21.00	4.00	1.15E-01	1.51E-01	3.45E-02	02	1.707E-02	21.00	4.00	1.15E-01	1.51E-01	3.45E-02	02	1.707E-02
341	21.00	5.00	1.90E-00	1.33E-01	1.38E-01	02	1.71E-02	21.00	5.00	1.90E-00	1.33E-01	1.38E-01	02	1.71E-02
342	21.00	6.00	7.80E-01	1.61E-01	5.53E-00	00	1.404E-00	21.00	6.00	7.80E-01	1.61E-01	5.53E-00	00	1.404E-00
343	21.00	7.00	9.45E-01	1.89E-00	6.85E-00	00	1.63E-00	21.00	7.00	9.45E-01	1.89E-00	6.85E-00	00	1.63E-00
344	21.00	8.00	4.03E-01	6.95E-00	2.85E-00	01	1.73E-01	21.00	8.00	4.03E-01	6.95E-00	2.85E-00	01	1.73E-01
345	21.00	9.00	2.95E-01	3.90E-00	1.60E-00	01	4.57E-01	21.00	9.00	2.95E-01	3.90E-00	1.60E-00	01	4.57E-01
346	21.00	10.00	2.20E-01	3.87E-00	1.57E-00	01	5.22E-01	21.00	10.00	2.20E-01	3.87E-00	1.57E-00	01	5.22E-01
347	21.00	11.00	2.41E-01	4.35E-00	1.75E-00	01	6.32E-01	21.00	11.00	2.41E-01	4.35E-00	1.75E-00	01	6.32E-01
348	21.00	12.00	2.70E-01	5.00E-00	2.03E-00	01	7.35E-01	21.00	12.00	2.70E-01	5.00E-00	2.03E-00	01	7.35E-01
349	21.00	13.00	2.47E-01	4.97E-00	1.97E-00	01	6.88E-01	21.00	13.00	2.47E-01	4.97E-00	1.97E-00	01	6.88E-01
350	21.00	14.00	3.01E-01	5.91E-00	2.67E-00	00	8.85E-01	21.00	14.00	3.01E-01	5.91E-00	2.67E-00	00	8.85E-01
351	21.00	15.00	3.83E-01	5.95E-00	2.76E-00	00	9.40E-01	21.00	15.00	3.83E-01	5.95E-00	2.76E-00	00	9.40E-01
352	22.00	1.00	-3.97E-06	6.45E-17	2.65E-00	08	5.35E-08	22.00	1.00	-3.97E-06	6.45E-17	2.65E-00	08	5.35E-08
353	22.00	2.00	1.71E-05	3.07E-06	1.26E-06	07	0.21E-07	22.00	2.00	1.71E-05	3.07E-06	1.26E-06	07	0.21E-07
354	22.00	3.00	1.85E-01	1.75E-02	7.55E-02	03	3.27E-03	22.00	3.00	1.85E-01	1.75E-02	7.55E-02	03	3.27E-03
355	22.00	4.00	2.88E-01	4.67E-02	1.95E-02	03	5.27E-03	22.00	4.00	2.88E-01	4.67E-02	1.95E-02	03	5.27E-03
356	22.00	5.00	2.65E-01	4.47E-00	1.84E-00	01	4.82E-01	22.00	5.00	2.65E-01	4.47E-00	1.84E-00	01	4.82E-01
357	22.00	6.00	2.00E-01	3.42E-00	1.42E-00	01	5.55E-01	22.00	6.00	2.00E-01	3.42E-00	1.42E-00	01	5.55E-01
358	22.00	7.00	2.00E-01	3.42E-00	1.42E-00	01	5.55E-01	22.00	7.00	2.00E-01	3.42E-00	1.42E-00	01	5.55E-01
359	22.00	8.00	1.50E-01	2.61E-00	1.08E-00	01	7.65E-01	22.00	8.00	1.50E-01	2.61E-00	1.08E-00	01	7.65E-01
360	22.00	9.00	1.76E-01	2.61E-00	1.08E-00	01	7.65E-01	22.00	9.00	1.76E-01	2.61E-00	1.08E-00	01	7.65E-01
361	22.00	10.00	1.80E-01	3.20E-00	1.31E-00	01	4.24E-01	22.00	10.00	1.80E-01	3.20E-00	1.31E-00	01	4.24E-01
362	22.00	11.00	2.00E-01	3.57E-00	1.45E-00	01	4.54E-01	22.00	11.00	2.00E-01	3.57E-00	1.45E-00	01	4.54E-01
363	22.00	12.00	1.80E-01	3.28E-00	1.34E-00	01	4.61E-01	22.00	12.00	1.80E-01	3.28E-00	1.34E-00	01	4.61E-01
364	22.00	13.00	1.74E-01	3.31E-00	1.34E-00	01	4.61E-01	22.00	13.00	1.74E-01	3.31E-00	1.34E-00	01	4.61E-01
365	22.00	14.00	1.83E-01	3.67E-00	1.50E-00	01	5.01E-01	22.00	14.00	1.83E-01	3.67E-00	1.50E-00	01	5.01E-01
366	22.00	15.00	2.03E-01	4.24E-00	1.58E-00	00	5.79E-01	22.00	15.00	2.03E-01	4.24E-00	1.58E-00	00	5.79E-01
367	22.00	1.00	0.0	0.0	0.0	00	0.0	22.00	1.00	0.0	0.0	0.0	00	0.0
368	22.00	2.00	0.0	0.0	0.0	00	0.0	22.00	2.00	0.0	0.0	0.0	00	0.0
370	23.00	1.00	0.0	0.0	0.0	00	0.0	23.00	1.00	0.0	0.0	0.0	00	0.0

NAS MIRAMAR
PERICC = 1200 TO 1300 HOURS CN A WEEKDAY

RECEPTOR		RECEPTOR CONCENTRATION DATA FROM TOTAL SOURCES									
NAME		RECEPTOR LOCATION									
		(KILOMETERS)		CO		FC		(MICROGRAMS/CL. METER)		PT	
		X	Y					NCX			SO2
371	23.00	2.00	3.00	1.454E-07	-2.404E-08	1.002E-08	1.002E-08	1.002E-08	2.715E-05	1.352E-05	2.715E-05
372	23.00	2.00	3.00	7.245E-07	1.191E-08	5.002E-08	5.002E-08	5.002E-08	1.352E-05	1.352E-05	1.352E-05
373	23.00	2.00	4.00	2.285E-02	3.786E-02	1.587E-02	1.587E-02	1.587E-02	4.276E-04	4.276E-04	4.276E-04
374	23.00	2.00	5.00	2.304E-00	4.301E-01	1.777E-01	1.777E-01	1.777E-01	4.276E-04	4.276E-04	4.276E-04
375	23.00	2.00	6.00	3.570E-00	6.129E-01	2.533E-01	2.533E-01	2.533E-01	6.160E-02	6.160E-02	6.160E-02
376	23.00	2.00	7.00	5.527E-00	9.442E-01	3.905E-01	3.905E-01	3.905E-01	5.661E-01	5.661E-01	5.661E-01
377	23.00	2.00	8.00	6.482E-00	1.107E-00	4.582E-01	4.582E-01	4.582E-01	1.144E-01	1.144E-01	1.144E-01
378	23.00	2.00	9.00	1.027E-01	1.755E-00	7.246E-01	7.246E-01	7.246E-01	1.144E-01	1.144E-01	1.144E-01
379	23.00	2.00	10.00	1.250E-01	2.150E-00	8.615E-01	8.615E-01	8.615E-01	2.737E-01	2.737E-01	2.737E-01
380	23.00	2.00	11.00	1.480E-01	2.572E-00	9.054E-01	9.054E-01	9.054E-01	2.737E-01	2.737E-01	2.737E-01
381	23.00	2.00	12.00	1.311E-01	2.335E-00	9.491E-01	9.491E-01	9.491E-01	2.737E-01	2.737E-01	2.737E-01
382	23.00	2.00	13.00	1.352E-01	2.488E-00	1.005E-00	1.005E-00	1.005E-00	2.737E-01	2.737E-01	2.737E-01
383	23.00	2.00	14.00	1.455E-01	2.775E-00	1.132E-00	1.132E-00	1.132E-00	2.737E-01	2.737E-01	2.737E-01
384	23.00	2.00	15.00	1.628E-01	3.153E-00	1.320E-00	1.320E-00	1.320E-00	2.737E-01	2.737E-01	2.737E-01
385	24.00	2.00	0.00	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10
386	24.00	2.00	1.00	3.998E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10	0.000E-10
387	24.00	2.00	2.00	6.335E-05	1.048E-05	2.702E-11	2.702E-11	2.702E-11	0.000E-10	0.000E-10	0.000E-10
388	24.00	2.00	3.00	2.723E-04	4.501E-05	1.888E-05	1.888E-05	1.888E-05	1.183E-06	1.183E-06	1.183E-06
389	24.00	2.00	4.00	1.212E-02	2.078E-02	8.552E-03	8.552E-03	8.552E-03	5.085E-04	5.085E-04	5.085E-04
390	24.00	2.00	5.00	6.222E-02	1.066E-02	4.412E-03	4.412E-03	4.412E-03	1.082E-03	1.082E-03	1.082E-03
391	24.00	2.00	6.00	4.280E-01	7.343E-02	3.036E-02	3.036E-02	3.036E-02	7.423E-03	7.423E-03	7.423E-03
392	24.00	2.00	7.00	1.970E-00	2.503E-01	1.072E-01	1.072E-01	1.072E-01	2.503E-02	2.503E-02	2.503E-02
393	24.00	2.00	8.00	2.945E-00	8.207E-01	3.383E-01	3.383E-01	3.383E-01	5.685E-02	5.685E-02	5.685E-02
394	24.00	2.00	9.00	4.795E-00	1.543E-00	6.855E-01	6.855E-01	6.855E-01	1.937E-01	1.937E-01	1.937E-01
395	24.00	2.00	10.00	6.858E-00	1.754E-00	8.377E-01	8.377E-01	8.377E-01	1.937E-01	1.937E-01	1.937E-01
396	24.00	2.00	11.00	8.955E-00	1.582E-00	6.464E-01	6.464E-01	6.464E-01	1.889E-01	1.889E-01	1.889E-01
397	24.00	2.00	12.00	8.988E-00	1.810E-00	7.368E-01	7.368E-01	7.368E-01	2.273E-01	2.273E-01	2.273E-01
398	24.00	2.00	13.00	1.132E-01	2.051E-00	8.525E-01	8.525E-01	8.525E-01	2.273E-01	2.273E-01	2.273E-01
399	24.00	2.00	14.00	1.132E-01	2.051E-00	8.525E-01	8.525E-01	8.525E-01	2.273E-01	2.273E-01	2.273E-01
400	24.00	2.00	15.00	1.275E-01	2.424E-00	9.975E-01	9.975E-01	9.975E-01	3.355E-01	3.355E-01	3.355E-01

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